

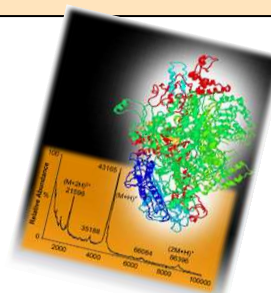
Cenník proteomického servisu

Ecoli s.r.o. sa stala poskytovateľom kompletného proteomického servisu pre syntézu/analýzu proteínov a cukrov a prípravu mono/polyklonálnych protilátok.

Syntéza peptidov

Peptidy sú RP-HPLC purifikované a v ponuke sú tri stupne čistoty:

- ☐ crude peptidy - pre tvorbu peptidových knižníc aprimárny experimentálny screening
- ☐ 70% - pre imunologické použitie
- ☐ 95% - pre *in vitro* štúdium biologickej aktivity (biochemické reakcie, štúdium väzieb a receptorov)



Kontrola kvality

Štandardná	Dodatková
MALDI-ToF	Analytický certifikát
RP-HPLC	HPLC chromatogram
	MALDI-ToF spektrum

Peptidy sú dodávané lyofilizované v zatavenej ampulke a uchovávajú sa pri teplote -20°C. Peptidy so senzitivnými aminokyselinami (C, M, W) sú dodávané v ampulke s inertným plynom. Protokol so správnym skladovaním a solubilizáciou je súčasťou dodávky.

Typicky syntetizujeme 2-5 mg peptidu, čo stačí na produkciu protilátok a imunologické štúdie. Syntézu proteínu nad 1 g je potrebné konzultovať

Lineárne peptidy

Kat. č.	Čistota	Popis	Cena s DPH					
			2 mg	5 mg	10 mg	20 mg	50 mg	100 mg
Kat. č.	Crude	8 - 25 aa	-	-	€ 12	€ 19	€ 25	€ 37
			-	-	375 Sk	562 Sk	751 Sk	1 125 Sk
Kat. č.	> 70%	8 - 25 aa	-	€ 19	€ 25	€ 31	€ 44	€ 62
			-	562 Sk	751 Sk	937 Sk	1 312 Sk	1 875 Sk
Kat. č.	> 90%	8 - 25 aa	€ 25	€ 31	€ 44	€ 62	€ 87	€ 118
			751 Sk	937 Sk	1 312 Sk	1 875 Sk	2 625 Sk	3 562 Sk
			OP-2010	OP-2011	OP-2012	OP-2013	OP-2014	OP-2015

pre peptidy kratšie ako 8 aa a dlhšie ako 25 aa sa stanovuje cena na základe analýzy aktuálnej sekvencie

Kat. č.	Popis	Cena s DPH					
		2 mg	5 mg	10 mg	20 mg	50 mg	100 mg
OP-2016	A-terminal Acetylation (Acetyl)	zdarma	zdarma	zdarma	zdarma	zdarma	zdarma
OP-2017	C-terminal Amidation (Amide)	zdarma	zdarma	zdarma	zdarma	zdarma	zdarma
OP-2018	A-terminal Biotin	€ 31,1	€ 56,0	€ 80,9	€ 118,2	€ 180,5	€ 280,1
		937 Sk	1 687 Sk	2 437 Sk	3 562 Sk	5 437 Sk	8 437 Sk
OP-2019	C-terminal K-Biotin	€ 112,0	€ 174,3	€ 236,5	€ 361,0		
		3 375	5 250	7 125	10 875	inquire	inquire

		Cena s DPH					
Kat. č.	Popis	2 mg	5 mg	10 mg	20 mg	50 mg	100 mg
OP-2020	A-terminal 5-6 FAM	€ 56,0 1 687 Sk	€ 80,9 2 437 Sk	€ 118,2 3 562 Sk	€ 180,5 5 437 Sk	€ 280,1 8 437 Sk	€ 404,5 12 187 Sk
OP-2021	A-terminal 5-6 TAMRA	€ 180,5 5 437 Sk	€ 242,7 7 312 Sk	€ 334,0 10 062 Sk	€ 491,7 14 812 Sk	inquire	inquire
OP-2022	A-terminal spacer amino hexanoic linker	€ 80,9 2 437 Sk	€ 118,2 3 562 Sk	€ 180,5 5 437 Sk	€ 242,7 7 312 Sk	inquire	inquire
OP-2023	Conjugation to a Carrier Protein (KLH, BSA, OVA)	na	€ 205,4 6 187 Sk	€ 311,2 9 375 Sk	€ 410,8 12 375 Sk	inquire	inquire
OP2024	4-branched MAP resin (pept. ≤ 12 residues)	na	€ 242,7 7 312 Sk	€ 367,2 11 062 Sk	€ 491,7 14 812 Sk	inquire	inquire
OP-2025	internal Cys-Cys Cyclisation	€ 205,4 6 187 Sk	€ 280,1 8 437 Sk	inquire	inquire	inquire	inquire
OP-2026	internal Ser/Tyr/Thr Phosphorylation (per aa)	€ 80,9 2 437 Sk	€ 118,2 3 562 Sk	€ 180,5 5 437 Sk	€ 242,7 7 312 Sk	inquire	inquire
OP-2027	Internal D-aa (any or all, per aa)	€ 43,6 1 312 Sk	€ 56,0 1 687 Sk	€ 80,9 2 437 Sk	€ 118,2 3 562 Sk	€ 242,7 7 312 Sk	€ 367,2 11 062 Sk
OP-2028	internal Nie-Norleucine	€ 43,6 1 312 Sk	€ 56,0 1 687 Sk	€ 80,9 2 437 Sk	€ 118,2 3 562 Sk	€ 242,7 7 312 Sk	€ 367,2 11 062 Sk

Peptide Arrays

K dispozícii sú tri typy syntézy:

☑ Purified Peptide Libraries - puriflex3

24, 48 alebo 96 peptidov - 2 mg každého typu - 8-15 aa, čistota viac ako 70% - HPLC a MS spektrum všetkých peptidov

☑ Crude Peptide Library - crude48

48 crude peptidov - 2 mg každého typu - 8-15 aa - HPLC a MS spektrum všetkých, alebo 5 náhodne vybraných peptidov, alebo HPLC 5 náhodne vybraných peptidov a MS spektrum všetkých peptidov

☑ Crude Peptide Library - crude 96

96 crude peptidov - 2 mg každého typu - 8-15 aa - HPLC a MS spektrum všetkých, alebo 5 náhodne vybraných peptidov, alebo HPLC 5 náhodne vybraných peptidov a MS spektrum všetkých peptidov

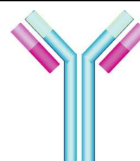
Kat. č.	Popis	Cena s DPH
Purified Peptide Libraries - puriflex3		
OP-2029	puriflex3/24 (HPLC and MALDI spec of all 24 peptides)	€ 3 236,7 97 510 Sk
OP-2030	puriflex3/48 (HPLC and MALDI spec of all 48 peptides)	€ 5 352,5 161 250 Sk
OP-2031	puriflex3/96 (HPLC and MALDI spec of all 96 peptides)	€ 9 335,8 281 250 Sk
Crude Peptide Library^{xx} - crude 48		
OP-2032	crude 48/1 (HPLC and MALDI spec of 5 statistically significant peptides)	€ 1 992,2 60 016 Sk
OP-2033	crude 48/2 (HPLC of 5 statistically significant peptides and MALDI spec of all peptides)	€ 2 490,2 75 020 Sk
OP-2034	crude 48/3 (HPLC and MALDI spec of all peptides)	€ 3 361,8 101 277 Sk
Crude Peptide Library^{xx} - crude 96		
OP-2035	crude 96/1 (HPLC and MALDI spec of 5 statistically significant peptides)	€ 2 490,2

OP-2036	crude 96/2 (HPLC of 5 statistically significant peptides and MALDI spec of all peptides)	75 020 Sk € 3 653,5
OP-2037	crude 96/3 (HPLC and MALDI spec of all peptides)	110 065 Sk € 5 352,5
Setup for non amidated peptides (-COOH free)		161 250 Sk
OP-2038	setup24	€ 124,5 3 751 Sk
OP-2039	setup48	€ 186,7 5 626 Sk
OP-2040	setup96	€ 373,5 11 253 Sk

xx - dostupné aj ako non amidated (-COOH free), čistota 50-95%, pri veľmi hydrofóbných peptidoch môže byť výťažok veľmi nízky

Polyklonálne protilátky (PAB) - Immunization of 2

Zabezpečujeme kompletný servis pre produkciu králičích, myšiacích a potkaních polyklonálnych protilátok



Zabezpečujeme tiež:

- analýzu antigenicity - ZDARMA
- purifikáciu protilátok afinitnou chromatografiou
- značenie protilátok
- immunometric assays

Servis je založený na troch možných formátoch, vzávislosti od typu antigénu:

- polyklonálne protilátky voči syntetickému peptidu
- polyklonálne protilátky voči rekombinantným proteínom (His-Tag fúzia)
- polyklonálne protilátky voči iným typom dodaných proteínov

Kat. č.	Popis	Cena s DPH
PAB-2101	PAB against a customer delivered protein	€ 1 058,4 31 884 Sk
PAB-2102	PAB against a recombinant protein, incl. gene cloning, protein expression and purification	€ 2 465,3 74 269 Sk
PAB-2103	Additional production of His-Tag protein (2 mg)	€ 560,3 16 879 Sk
PAB-2104	Additional production of His-Tag protein (5 mg)	€ 834,2 25 131 Sk
PAB-2105	PAB against 1 synthetic peptide (15mer ^{xx}), incl. peptide synthesis and carrier conjugation	€ 1 494,1 45 012 Sk
PAB-2106	PAB against 2 synthetic peptides (15mer ^{xx}), incl. peptide synthesis and carrier conjugation	€ 1 867,7 56 265 Sk
PAB-2107	PAB against 3 synthetic peptides (15mer ^{xx}), incl. peptide synthesis and carrier conjugation	€ 2 241,2 67 518 Sk
PAB-2108	PAB against MAP (4 branched, peptide shorter than 12 rezidues)	€ 1 618,6 48 763 Sk
PAB-2109	PAB against mix of 2 MAP (4 branched, peptide shorter than 12 rezidues)	€ 2 116,7 63 767 Sk
PAB-2110	PAB against mix of 3 MAP (4 branched, peptide shorter than 12 rezidues)	€ 2 614,7 78 771 Sk
PAB-2111	PAB against 1 phospho synthetic peptide (15mer ^{xx}), incl. phospho and non-phospho peptide synthesis, carrier conjugation, immunoabsorbtion and affinity purification	€ 2 739,2 82 522 Sk
PAB-2117	xx - each additional aa	€ 24,9 750 Sk
PAB-2118	Additional rabbit	€ 560,3 16 879 Sk
PAB-2119	Analytical serum for testing	€ 87,1 2 625 Sk

Polyclonal Antibodies (PAB) - Immunization of 6 mice

PABM-2120	PAB against a customer delivered protein	€ 1 232,9 37 143 Sk
PABM-2121	PAB against a recombinant protein, incl. gene cloning, protein expression and purification	€ 2 714,3 81 772 Sk
PABM-2122	PAB against 1 synthetic peptide (15mer ^{xx}), incl. peptide synthesis and carrier conjugation	€ 1 743,1 52 514 Sk

Antibody purification (Quality Control by ELISA testing)

AC-2123	Preparation of 0,5g affinity column (CNBr Sepharose - peptide/protein)	€ 124,5 3 751 Sk
AC-2124	Single purification of 40 ml of serum by immunoaffinity chromatography	€ 398,7 12 010 Sk
AC-2125	Purification of 80 ml of serum by immunoaffinity chromatography, (each rabbit serum purified separately)	€ 622,6 18 755 Sk
AC-2126	Single purification of 40 ml of serum by protein A or G affinity chromatography	€ 597,8 18 010 Sk
AC-2127	Purification of 80 ml of serum by protein A or G affinity chromatography, (each rabbit serum purified separately)	€ 871,6 26 257 Sk
AC-2128	Single purification of 40 ml of serum by affinity against recombinant protein	€ 622,6 18 755 Sk
AC-2129	Purification of 80 ml of serum by affinity against recombinant protein, (each rabbit serum purified separately)	€ 809,3 24 381 Sk

Antibody labelling

AL-2130	1 mg purified antibody labeled with FITC	€ 323,6 9 750 Sk
AL-2131	1 mg purified antibody labeled with Biotin	€ 323,6 9 750 Sk
AL-2132	1 mg purified antibody labeled with Horseradish Peroxidase	€ 323,6 9 750 Sk
AL-2133	1 mg purified antibody labeled with Alkaline Phosphatase	€ 323,6 9 750 Sk

Monoklonálne protilátky (MAB) - Immunization of 2

Kat. č.	Popis	Cena s DPH
MAB-2134	Phase I Immunisation + Phase II Fusion	€ 4 905,7 147 790 Sk
MAB-2135	Phase III Cloning and subcloning (2 clones)	€ 2 938,5 88 525 Sk
MAB-2136	Phase III Cloning and subcloning (4 clones)	€ 3 760,2 113 280 Sk
MAB-2137	Cell production and purification of 0,5-2 mg of each MAB	€ 1 992,1 60 015 Sk
MAB-2138	Cell culture production and purification of 0,5-2 mg of each MAB	€ 398,7 12 010 Sk

Analýza proteínov, peptidov a cukrov

Zistenie sekvencie prvých 10-20 reziduí dáva dostatočne výpovednú hodnotu

pre:

- syntézu DNA sondy na izoláciu špecifickej cDNA
- identifikáciu proteínu v databáze
- spárovanie proteínu k oblasti DNA

Kat. č.	Popis	Cena s DPH
PRS-2201	Setup for protein/peptide sequencing	€ 174,3 5 252 Sk
PRS-2202	N-terminal sequencing of protein/peptides on PVDF	€ 99,9 3 010 Sk
PRS-2203	SDS-PAGE separation of proteins and protein transfer on PVDF membrane	€ 622,6 18 755 Sk
PRS-2204	Sample processing for internal sequencing (enzymatic hydrolysis, HPLC separation of peptide mixture, MALDI-ToF analysis of each fraction)	€ 747,1 22 506 Sk
PRS-2205	Peptide sequencing by tandem MS (peptide separation by HPLC, fragmentation experiments by MS/MS techniques)	€ 560,3 16 880 Sk
PRS-2206	Mass spectrometry analysis of peptides (sample purification and MALDI-ToF)	€ 124,5 3 751 Sk
PRS-2207	Mass spectrometry analysis of proteins (sample purification and ESMS analysis)	€ 224,1 6 752 Sk
PRS-2208	Complete peptide mapping (pre-treatment either in solution or in gel, single/double enzymatic hydrolysis, MALDI-ToF mapping)	€ 1 494,2 45 015 Sk
PRS-2209	Identification of protein by MALDI-ToF mapping (protein digestion, MALDI-ToF analysis of peptides mixture, database search)	€ 1 058,4 31 885 Sk
PRS-2210	Identification of protein (more than 10 spots) by MALDI-ToF mapping (protein digestion, MALDI-ToF analysis of peptides mixture, database search)	€ 684,8 20 630 Sk
PRS-2211	Identification of proteins by LCMS/MS (prot. digestion, MALDI-ToF analysis of pept. mixture, LCMS/MS analysis, database search)	€ 1 618,7 48 765 Sk
PRS-2112	Sugar analysis (determination of the sugar composition in glycoproteins by chemical hydrolysis, derivatization and GCMS analysis)	€ 747,1 22 506 Sk
PRS-2113	Analysis of glycoproteins (protein digestion, enzymatic stripping of glycoforms, MALDI-MS analysis of glycoforms)	€ 747,1 22 506 Sk
PRS-2114	GCMS analysis (sample pre-treatment, including derivatization and GCMS analysis)	€ 622,6 18 755 Sk