

# Custom Peptide Order Form

Fax to 972-420-0442



Standard peptide orders are shipped in **5-10 DAYS**

Visa, MasterCard, AMEX, Discover Accepted

Total # of Oligos in this P.O. \_\_\_\_\_

Orderer: \_\_\_\_\_ Phone #: \_\_\_\_\_ Date ordered: \_\_\_\_\_ P.O. #: \_\_\_\_\_  
P.I.: \_\_\_\_\_ Credit Card #: \_\_\_\_\_  
Institution: \_\_\_\_\_ Exp Date: \_\_\_\_\_ Card Holder Name: \_\_\_\_\_  
Ship to: \_\_\_\_\_ Quote#: \_\_\_\_\_  
Bill To: \_\_\_\_\_

Please choose a confirmation method. We will confirm receipt of your order within 24 hours (M-F).

Fax \_\_\_\_\_  Phone \_\_\_\_\_  E-Mail \_\_\_\_\_  None

Peptide#: \_\_\_\_\_ SEQUENCE ID: \_\_\_\_\_ LENGTH: \_\_\_\_\_

Scale:  1-10 mgs  10-20 mgs  20-40 mgs  40-50 mgs  Othersr Scale: \_\_\_\_\_

Purification:  75%  85%  95%

Modifications: \_\_\_\_\_

Note: \_\_\_\_\_

<b>N -</b>	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45
	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75

**INDEX**

A-Ala  
C-Cys  
d-Asp  
e-Glu  
F-Phe  
g-Gly  
H-His  
I-Ile  
K-Lys  
L-Leu  
M-Met  
N-Asn  
P-Pro  
Q-Gln  
R-Arg  
S-Ser  
T-Thr  
V-Val  
W-Trp  
Y-Tyr

**C**

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R-Arg  
S-Ser  
T-Thr  
V-Val  
W-Trp  
Y-Tyr

**C**

# Custom Peptide Fax Ordering Form - PAGE 2

Fax To: (716) 774-3157



## Name of Peptide:

Write the name of your peptide in this field. The peptide name can include both numbers and letters. The peptide name cannot be longer than 15 characters.

**Peptide Sequence:** Enter the peptide sequence you want synthesized, starting from the N-terminal (left) and ending with the C-terminal (right). Please use the single letter code (i.e. enter "Y" for Tyr or Tyrosine). See\* below for a list of single letter codes for all 20 natural amino acids.

\*A: Alanine, C: Cysteine, D: Aspartic Acid, E: Glutamic Acid, F: Phenylalanine, G: Glycine, H: Histidine, K: Lysine, L: Leucine, M: Methionine, N: Asparagine, P: Proline, Q: Glutamine, R: Arginine, S: Serine, T: Threonine, V: Valine, W: Tryptophan, Y: Tyrosine

## Peptide Sequence with Modifications:

For all modifications, the modification is written into the sequence after the residue that is to be modified (see below). Please also check the check boxes on the form for modifications.

**Important:** Any C-Terminal modifications will add an extra Lysine to the C-Terminal and add a residue to your peptide sequence. If this makes your peptide over 21 amino acids long, you **do not** have to pay the premium for peptides >21 amino acids long. EXAMPLE: L[dL]AQK[bio]GPALSAEY[pY]EPPVEK[flu]

Phosphorylations: pT (threonine), pS (serine), and pY (tyrosine)

Biotinylation: [bio], Fluorescein: [flu], Rhodamine: [rho], Methylation: [met], Acetylations: [ace], Formylations: [for]

Residues in D-form: A 'd' followed by the residue single letter code. For example Alanine in D-form: [dA]

Please note that an amidated lysine (K) must be added to the c terminus for biotin, fluorescein, and rhodamine modifications. Both the extra lysine and the amidation are included in the price of the modification.

Internal biotin, fluorescein, and rhodamine modifications must be attached to a lysine in your sequence.

For all other modifications\*\*, please put the first three letters or entire name of the modification name in brackets **after** the residue you want modified, and explain the modifications in the additional instructions box at the bottom of the form.

\*\*Myristylation, Formylation, Texas Red, Norleucine, Norvaline, Ornithine, Pencillamine, Pyroglutamic acid, Sarcosine, Acetyl-K, Amino hexanoyl, Amino hexanoic acid, Aminosuberic acid, Citric acid, Cyclohexylalanine, Citrulline, Homocysteine, Homoserine, Hydroxyproline, Thiol Tyrosine, B-(2-Thienyl Alanine), Statline. Please inquire for other modifications 1 800 227-0627 or 972-420-8505 (outside US).

## Purity and Scale:

We offer the following purities: Crude, >75%, >85%, >95%, >98%. Please inquire for purities of >100%. We offer the following peptide yields: 1 mg, 5 mg, 10 mg, 20mg, 50mg and 100 mg..

## Conjugation:

You can choose from hapten carriers such as KLH (Keyhole Limpet Hemocyanine), BSA (Bovine Serum Albumin), OVA (Ovalbumin), and THY (Thyroglobulin). We also offer MAP peptides (Multiple Antigen Peptide). Please note: KLH must be linked to a cysteine in your sequence. In doubt of what conjugation strategy to choose? Call customer service at 1 800 227 0627 972-420-8505 (outside US) or write to us at biosyn@biosyn.com

**Important:** MAP peptide shipments do not include Mass spec or HPLC data (MAP lysine core interferes in measurements).

## Cyclization and Peptide D-form:

Cysteine to cysteine cyclization (sulfurhydryl bond). We offer D-form amino acids for all 20 amino acids listed above\*.

## Delivery Time:

Estimated delivery time will be included in quote or order confirmation. Delivery times vary depending on peptide content and specifications.

**Important:** Solid Phase Peptide Synthesis has a 15-20% failure rate on first synthesis attempt. It is not uncommon that a peptide fails the first synthesis attempt because different peptides, due to their varying R-groups, favor different synthesis chemistries. Please contact us at 1 800 227 0627 if you have questions regarding your peptide order.

## Contact Us:

To place an order or to ask a questions regarding order placement please contact our specialized customer services at [biosyn@biosyn.com](mailto:biosyn@biosyn.com)