



MACROMOLECULAR CORE FACILITY PEPTIDE SYNTHESIS REQUEST*

Name _____ Date Requested _____

Room _____ Dept. _____

Telephone Ext. _____ Email address _____

Purpose of peptide(s) in your research _____
(i.e., antigen, hormone, substrate, molecular weight marker, etc.,)

Verify my peptides on the ABI Peptide Sequencer (\$15 extra per residue, \$75 minimum) Yes No

Verify my peptides' molecular weights verified by MALDI-TOF (\$15 extra per peptide) Yes No

Fill in your peptides below:

Peptide Acronym/Number* * *	NH ₂ -----Peptides Requested* * *-----COOH
(1)	
(2)	
(3)	
(4)	

- **Charges:** \$30 per "standard" amino acid for a full-scale synthesis (~ 0.2 mmol yield) or \$20 per standard amino acid residue for a half-scale synthesis (~ 0.1 mmol yield), which covers the cost of the reagents. Your peptide will be prepared as a lyophilized powder cleaved from the resin in the presence of appropriate side group preservatives, extensively washed and extracted following cleavage with various solvents to remove the majority of the impurities (preservatives and byproducts of the cleavage procedure. Extra charges apply for sequence or molecular weight verification (see above). For pricing on any peptides with non-standard amino acids (phosphopeptides, amino acid analogs, etc.) or other specialized preparation procedures which may be necessary for your particular research purpose, please contact Anne Stanley at (717) 531-6087 or by email at astanley@psu.edu.
- * * **Acronym/Number:** This should be a unique alphanumeric label (no more than eight characters long) beginning with your initials or name and ending with letters or numbers which enable you to identify your peptide (e.g., CJL_TOR2). If left blank, we will assign this code.
- * * * **Sequence:** Write the requested sequence using traditional three letter or one letter codes. If you need a peptide that is "blocked" with an amide on the carboxyl terminus, end your sequence with an "-NH₂". Indicate custom amino acids (such as D-amino acids or xenobiotics) with an abbreviation (e.g. X, Abu, XX1, d-Ala).

Questions? Comments? Contact Anne Stanley at (717) 531-6087 or astanley@psu.edu.