

**PROTEIN FRAGMENTATION SUBMITTAL FORM**

Professor/Supervisor \_\_\_\_\_ Date \_\_\_\_\_

Dept/Company \_\_\_\_\_ Mail Stop \_\_\_\_\_

Submitter's Name (First) \_\_\_\_\_ (Last) \_\_\_\_\_

Phone \_\_\_\_\_ FAX \_\_\_\_\_ E-mail \_\_\_\_\_

<b>ACCOUNT or PO NUMBER</b> _____
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**BILLING ADDRESS**

Address: \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Phone \_\_\_\_\_ Attn: \_\_\_\_\_

**SAMPLE INFORMATION**

*Please discuss minimum sample amount required with us or visit our WWW Homepage at [Quorum.tamu.edu/~proteins](http://Quorum.tamu.edu/~proteins)*

Sample name \_\_\_\_\_ Source/Tissue/Species \_\_\_\_\_

Amount of protein (ugm) applied to SDS gel? \_\_\_\_\_ How determined? \_\_\_\_\_

Approximate molecular weight? \_\_\_\_\_

Is this a glycoprotein? Estimated carbohydrate (%) \_\_\_\_\_

Are the cysteines alkylated? Yes \_\_\_\_\_ No \_\_\_\_\_ If yes, with what? \_\_\_\_\_

Is the sequence known? If so, please attach

This analysis includes:

- Enzymatic digestion in the gel slice or on PVDF membrane. (All samples submitted on PVDF membrane will be subjected to amino acid analysis to confirm amount present.)
- Extraction of peptides
- Analytical and preparative HPLC of peptides
- Analysis of up to 6 fractions by MALDI-TOF mass spectroscopy

**Protein sequence analysis is billed separately and will only be conducted after further consultation.**