

**Protein and Nucleic Acid Chemistry Facility**

Department of Biochemistry, University of Cambridge, 80 Tennis Court Road, Cambridge CB2 1GA

# Request for Protein N-Terminal Sequence Analysis

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Name \_\_\_\_\_ Tel: \_\_\_\_\_ email: \_\_\_\_\_ Date \_\_\_\_\_

Lab \_\_\_\_\_ Dept. \_\_\_\_\_ Purchase order no: \_\_\_\_\_ (attach hard copy)  
or Grant code (Biochemistry only)

Sample name \_\_\_\_\_ Source of gene \_\_\_\_\_ Host organism \_\_\_\_\_

Mass \_\_\_\_\_ kDa Quantity \_\_\_\_\_ pmol by \_\_\_\_\_ method Volume \_\_\_\_\_ µl

<b>Sample details</b>	PVDF blot* <input type="checkbox"/>	dried down <input type="checkbox"/>	<i>Recommended amount per sample: 10-100pmol</i>
	in solution <input type="checkbox"/>	- full buffer composition.....	
	toxic <input type="checkbox"/>	safety procedures attached <input type="checkbox"/>	<b>Guidance for solution samples</b> Avoid detergents where possible. If detergents are necessary for sample solubility, use lowest possible concentration.
	radioactive <input type="checkbox"/>	(isotope.....MBq.....)	

\* Do NOT use nitrocellulose

**Detail any known chemical or post-translational modifications** .....

**Solution and dried samples** - attach evidence of purity... gel photo  hplc trace

**Attach any relevant sequence information;** write it below or give database acquisition number

No sequence information known  Database:..... Acq.No.....

Sequence (1-letter code): .....

**Number of residues required** .....

<b>Guidance</b> <b>5</b> residues to determine a cleavage site in a known sequence <b>10</b> to identify a protein in the database <b>10-20</b> to design oligonucleotide probes <b>&gt;20</b> for <i>de novo</i> sequencing
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Further details and special requests

FACILITY USE ONLY	
Run No.....	
No. of cycles.....	
ProSorb <input type="checkbox"/>	ProSpin <input type="checkbox"/> GF disc <input type="checkbox"/>
Volume loaded.....ul of.....ul total	
Dissolved in.....	
Date received.....	Run.....

<b>Non-University of Cambridge customers only</b> I have read and accept the terms for sample processing [ <a href="http://www.bioc.cam.ac.uk/pnac/terms.html">www.bioc.cam.ac.uk/pnac/terms.html</a> ]  Signed..... for and on behalf of.....
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