



INTEGRATED PROTEIN SERVICES

Customer-specific protein expression, purification and analysis



Questionnaire

Please fill out the following and send the document to

 strep-tag@iba-lifesciences.com

Customer contact information			
	Billing Address		Shipping Address (if different from billing address)
Institution			
Department			
Address			
City			
Zip code			
State			
Country			
First Name			
Last Name			
Email			
Phone			
Fax			
Purchase order (PO)			
Institution Type	<input type="checkbox"/> Academic	<input type="checkbox"/> Industrial	<input type="checkbox"/> Government

Which services do you need?
<input type="checkbox"/> gene synthesis - please fill out table 1 and 2
<input type="checkbox"/> cloning - please fill out table 1 and 3
<input type="checkbox"/> test expression - please fill out table 1, 4 and 5
<input type="checkbox"/> expression and purification (large scale) - please fill out table 1, 4 and 6

1 About the protein	
Protein name	
NCBI gene or protein accession number	
Molecular weight	

	What is the original host?
	<input type="checkbox"/> human <input type="checkbox"/> mammalian <input type="checkbox"/> eukaryote <input type="checkbox"/> bacterial <input type="checkbox"/> others (e.g. yeast, insect):
	What is the localization of the protein in the original host?
	<input type="checkbox"/> cytosol <input type="checkbox"/> ER <input type="checkbox"/> extracellular <input type="checkbox"/> transmembrane <input type="checkbox"/> membrane associated <input type="checkbox"/> periplasm <input type="checkbox"/> unknown
	Please specify the function of the recombinant protein?
	Does a protocol or a related publication for the expression and purification already exist?
	<input type="checkbox"/> yes <input type="checkbox"/> no
	May you send us the protocol/publication?
	<input type="checkbox"/> yes <input type="checkbox"/> no
	Have you ever tried to express the protein of interest according to the provided protocol/publication?

<input type="checkbox"/> yes <input type="checkbox"/> no	
If so, what was the outcome?	
Is there anything known about the stability of the recombinant protein? If so, please specify.	
<input type="checkbox"/> thermal stability <input type="checkbox"/> chemical stability (ionic strength, reducing agents, EDTA, detergents)	
Desired amount?	
Desired purity?	
Is the functionality of the protein necessary?	
<input type="checkbox"/> yes <input type="checkbox"/> no	

2 Gene synthesis	
Which kind of sequence information will you provide? Please send us the sequence in FASTA format by e-mail.	
<input type="checkbox"/> nucleotide sequence <input type="checkbox"/> amino acid sequence <input type="checkbox"/> GenBank accession number:	
For which organism do you want to use our codon optimization service to increase protein expression?	
<input type="checkbox"/> <i>E. coli</i> <input type="checkbox"/> mammalian cells <input type="checkbox"/> no optimization	

3 Cloning	
	Which is the expression host of the recombinant protein?
	<input type="checkbox"/> <i>E. coli</i> <input type="checkbox"/> HEK 293
	Shall a secretion signal exist?
	<input type="checkbox"/> yes <input type="checkbox"/> no
	Which expression tag do you want to be present?
	<input type="checkbox"/> N-terminal Strep-tag®II <input type="checkbox"/> N-terminal Twin-Strep-tag® <input type="checkbox"/> C-terminal Strep-tag®II <input type="checkbox"/> C-terminal Twin-Strep-tag®

4 Expression	
	Which host do you want for expression?
	<input type="checkbox"/> <i>E. coli</i> <input type="checkbox"/> HEK 293
	Under which condition shall the protein be purified?
	<input type="checkbox"/> native <input type="checkbox"/> denaturing (Twin-Strep-tag® recommended)

5 Test expression and purification	
	Do you want a test expression to be performed (in 200 ml <i>E. coli</i> or 100 ml mammalia including purification, SDS-PAGE and optionally Western blotting)?
	<input type="checkbox"/> yes <input type="checkbox"/> no

6	Expression and purification scales
	<p data-bbox="252 241 762 271">Please choose the required expression volume.</p> <ul style="list-style-type: none"><li data-bbox="252 315 352 344"><input type="checkbox"/> 1 liter<li data-bbox="252 389 352 418"><input type="checkbox"/> 2 liter<li data-bbox="252 463 352 492"><input type="checkbox"/> 5 liter<li data-bbox="252 537 352 566"><input type="checkbox"/> 10 liter<li data-bbox="252 611 523 640"><input type="checkbox"/> others (e.g. 15 l, 20 l):

Please provide us with any further information related to your project, e.g. results of your own expression, description of purification attempts or specifications, which have not been addressed in this questionnaire. This would help us to assess your project.

Hereby I confirm that the above mentioned gene and/or protein (including all genetic elements) can be handled under Biosafety Level 1 conditions.

Signature

Date

Please send us the filled "S1 Lab Containment" if you would like to use our service.

