

#### USER INFORMATION

<b>NAME:</b>	<b>TITLE:</b>
<b>E-MAIL:</b>	<b>TEL.:</b>
<b>DATE (DD/MM/YYYY):</b>	<b>FAX:</b>
<b>DEPARTMENT:</b>	<b>INTERNAL ID NUMBER:</b>
<b>COMPANY/INSTITUTION:</b>	<i>(To be filled by La Factoría de Cristalización)</i>

#### SAMPLE INFORMATION

**Sample ID:** *Accession number (EMBL, Uniprot, SwissProt...):*

**Name or nickname:**

**Protein function:**

**Co-factors (GTP, metals...):**

**Additional information for expression tests and/or purification:**

**Expression vector:**

**Antibiotic resistance:**

**Inducer (IPTG, Arabinose...) and its concentration:**

**Expression strain:**

**Physico-chemical parameters:**

**MW:** *Theoretical pI:* *Extinction coefficient (at 280nm):*

**Buffer (if applies):**

**Protein sequence:**

#### EXPRESSION AND PURIFICATION OF PROTEINS AND MACROMOLECULAR COMPLEXES

SERVICE	DESCRIPTION	CHOOSE
<b>EXPRESSION TEST (PROKARYOTIC SYSTEMS)</b>	Expression test in 27 conditions (3 <i>E.coli</i> strains x 3 inducer concentrations x 3 temperatures)	
<b>PROTEIN PURIFICATION (single proteins and complexes)</b>	Affinity chromatography	
	Ion exchange chromatography	
	Size exclusion chromatography	
<b>EXPRESSION AND PURIFICATION</b>	Expression and purification from 2 liters of culture (degree of purity and purification steps upon request)	
<b>TEV CLEAVAGE</b>	Fusion protein removal	
<b>THERMOFLUOR</b>	Sample optimization with Thermofluor	