

Date of request

OGM accreditation n°

MOT Project

REQUESTOR

Laboratory name

Head of project

Main contact

Contact phone

Email

I.P Unit code

Institution

Address

PROTEIN INFORMATION

Protein name

Molecular weight

kDa

Protein origin

Known protein activity

Protein sequence

*(If your protein contains tags and/or linker or any changes to the sequence, please take them into consideration)***PROTEIN APPLICATION**

Activity assay

Antibody production

Structural studies

High-Troughput Screening

Biochemical studies

Other

Project collaboration

PTR

ANR

Other

Protein Expression & Purification service Request Form

Please fill out one form per protein and email to PF3PR@pasteur.fr



PROTEIN PRODUCTION

Starting Material	My construct (vector with cloned coding sequence)			
	My transformed cell / bacteria			
	Please advise me for vector and strain production			
Localisation of produced protein	Cytoplasmic	Periplasmic	Secreted	Membrane bound
Expression system	E.coli	Baculovirus/insect	S2 Cells	CHO
	HEK 293	Yeast	Other	
	Has the protein been expressed previously ?		Yes	No
			Soluble	Insoluble
Production Scale	Erlen	Fermentor	Wave Cell bag	
	Culture volume	(L)	Other volume	(L)

PROTEIN PURIFICATION

Tag Selection	Yes	No	Tag (names)
Tag Removal	Yes	No	Cleavage enzyme
Endotoxin removal	Yes	No	
Refolding required	Yes	No	
Purified protein required	(mg)	Purified protein concentration required	(mg/ml)
Storage buffer		Storage Temperature	°C
Other special requirements for purification			

- Once this form is completed, send it to pf3pr@pasteur.fr. You will then need to make an appointment to discuss and finalize your request.

Requirements for the biological material provided to PF3PR

- Identification: check the concordance between the name of the project and the Strain/Vector ID
- Amount of plasmid needed:
 - Transformation: 1.2 µg at 150 ng/µl
 - Transfection SF9: 10 µg (> 500ng/µl, sterile)
 - Transfection S2: 40 µg (> 500ng/µl, sterile)
 - Expi or HEK: 1mg/l of culture (> 500ng/µl, endotoxin free, sterile)
 - The plasmids will have been sequenced and the sequencing files sent to PF3PR.
 - The theoretical sequence will also be provided with the tag(s).
- Bacterial strain: provide genotype, origin, full name of the strain, antibiotic(s) of resistance.
- Transformed bacterial strain: provide genotype, origin, full strain name, resistance antibiotic(s). The spread must be less than 48 hours.
- Eukaryotic cell lines: provide origin, complete identification, number of passages (<20), antibiotics, specific agents for culture, mycoplasma test.

Link to the C2RT Platforms Guidelines: Users and teams from C2RT and C2RA

https://research.pasteur.fr/wp-content/uploads/2019/01/research_pasteur-enproduction-and-purification-of-recombinant-proteins-technological-platformfrplate-forme-technologique-production-et-purification-de-proteines-recombinantes-c2rt-c2ra-guidelines.pdf