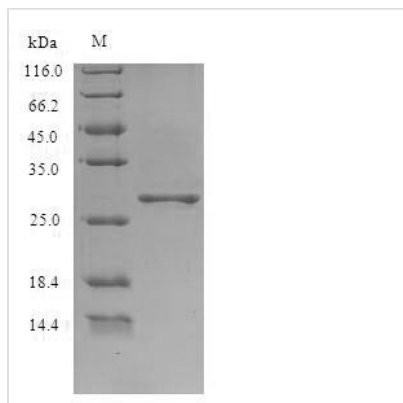




Recombinant Potato leafroll virus Major capsid protein (ORF3)

Product Code	CSB-EP325916PQU
Relevance	Major capsid protein.
Abbreviation	Recombinant Potato leafroll virus ORF3 protein
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	P17521
Alias	Coat protein Short name: CP
Product Type	Recombinant Protein
Immunogen Species	Potato leafroll virus (strain Potato/Canada/Rowhani/1979) (PLrV)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	MSTVVVKGNVNGGVQQPRRRRRQSLRRRANRVQPVVMVTAPGQPRRRRRR RGGNRRSRRTGVPRGRGSSETFVFTKDNLVGNSQGSFTFGPSLSDCPAFKD GILKAYHEYKITSILLQFVSEASSTSSGSIAYELDPHCKVSSLQSYVNKFQITKG GAKTYQARMINGVEWHDSSSEDQCRILWKGNGKSSDPAGSFRVTIRVALQNPK
Research Area	Microbiology
Source	E.coli
Target Names	ORF3
Protein Names	Recommended name: Major capsid protein Alternative name(s): Coat protein Short name= CP
Expression Region	1-208aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	27.2kDa
Protein Length	Full Length
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.