

Recombinant Full Length Pea Enation Mosaic Virus-1 Protein P1-P2 (Orf1/Orf2) Protein, His-Tagged

Cat. No. RFL8242PF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Pea enation mosaic virus-1 Protein P1-P2 (ORF1/ORF2) Protein (P29154) (516-1181aa), fused to N-terminal His tag, was expressed in E. coli.
Species	PEMV-1
Source	E.coli
ProteinLength	Full Length of Mature Protein (516-1181)
Form	Lyophilized powder
AA Sequence	TYSEAETAYEMADNFSDGEEILIRTKGQSYRTFIGSNKVALLSIRKLEEEELSRGPIGLW A DDTEDDESAPRRSGKRIIPVDSGETKSSDPLPKGRGVSSSTPSRSKSRKGKACPS FRNDA GTEESRQPQEEKGQSCQEDSLNSTQEIQGQSTHFVPSSGTGRKSCCESSP HRPTTKITSIF EDFYRWKEPREEAPGFNSVGSCPFTVYKCPPKGLSSWGERVARTS AFLQACTEKYSWPET GAEAESSLRYQAARRQSAQTTAVIPPKDVREDLIKRTTEAY RSTALPAPMWAHNFDESH MRFEFWECVRKLKGQAGSGVPYAAFSGRKTNDKWVF DHESTEDLWETVRDRLFRLLNQDF IDPVQAVKDGLVDPIRLFVKLEPHKMEKIRNKR YRLIASVSIVDQLVARMLEFRDQNEEEL LQHMAIPSKPGLGFSQDHQVLAFTESVAAL AGTSAQDLVDNWSRYLTPTDCSGFDWSVPM WLLEDDLAVRNELTLGLPHGLRKM RETWLKCLGQSVFCLSNGLLLAQTSPGIQKSGSFNT SSTNSRMRYMLALYAGASW AVTMGDDALESVGSDLSQYARLGKICERAEFEFDCSHLFRA PDVVIPKNLEKMVYG LLSGTSPESPLLADRFWSLSALQSILEEMRHMPQDFVNMLIEHLG VGDLVE

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Purity	Greater than 90% as determined by SDS-PAGE.
Applications	SDS-PAGE
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Storage Buffer	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
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.

GENE INFORMATION

Gene Name	ORF1/ORF2
Synonyms	ORF1/ORF2; Protein P1-P2
UniProt ID	P29154

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