

Recombinant Full Length Cowpea Severe Mosaic Virus Rna1 Polyprotein Protein, His-Tagged

Cat. No. RFL17081CF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Cowpea severe mosaic virus RNA1 polyprotein Protein (P36312) (1147-1858aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Cowpea severe mosaic virus
Source	E.coli
ProteinLength	Full Length of Mature Protein (1147-1858)
Form	Lyophilized powder
AA Sequence	AAEKFFDFLEKEQHVTEGIGKVGNLKKGWVPLPTKTNLVETPKEWHLGTEKTKEP SILS STDLRLGDKQYDPFVGGIQKYAEPMGILDDEVLRHVATDIVEEWFD CVDPQED TFEEVDL QVAINGLEGMEYMERVPMATSEGFP HILTRKSGEKKGKGRFVYGDGEIFD LIPGTSVHEAY LTLEETCADTVPALVGIECPKDEKLPLRKIYEKPKTRCFTVLPMEYN LVVRRKFLKFVVF IMKNRHLRLSCQVGINPYGMEWSRLAMS LLEKGNILCCDYSSF DGLLTKQVMHLMSEMIN ELCGGSSRLKQQR TNLLMACCSRYALCKGEVWRVECGI PSGFPLTVICNSIFNELLVRYS YIKICQARVPATITYGFSTFVKMVTYGDDNLLSVQS AITHVFDGTKLKEFLKLN GITIT DGKDKTSPVLNFRNLED CDFLKRGFKKESDVVWV GPEEKESLWAQLHYVTTNLEKHEAY LVNVVNVI RELYLHDPREAAELRRKAIQNVD FLKENPKDLPTMAA IEFYNMQRQQQFVD SNDNLD SLLNP DFLFVAPHRKMHEAE MELVPKWYLRDLGKAPIN VLTGEADRICVLVNAS IPDHLLPEKVVNISWPYGPGRGG LPTHGWAQANLYNPNSAVVKKLR TLVNQNPDDRVDIC FRHDAVPVAIATIIFLVHLG

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	KVKGRSANEYLTKIIDSASLKLFLPKEDIIF
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	Cowpea severe mosaic virus RNA1 polyprotein
Synonyms	RNA1 polyprotein; Genome polyprotein B; P1
UniProt ID	P36312

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