

Recombinant Full Length Cherry Rasp Leaf Virus Rna1 Polyprotein Protein, His-Tagged

Cat. No. RFL7456CF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Cherry rasp leaf virus RNA1 polyprotein Protein (Q6EWG9) (1544-2250aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Cherry rasp leaf virus (isolate Potato/United States) (CRLV)
Source	E.coli
ProteinLength	Full Length of Mature Protein (1544-2250)
Form	Lyophilized powder
AA Sequence	GPEEMYIPTKNSECFGSVTKLGAWTGPKPYFLEKTSLIPSLISTSIDVERTTEPAILSQ R DKRLKDSINPEFDVFLEGMKKYAVEAHSLDEDLEVFEDALDRVFLIPEHACEDLT NDQV CNGIEDDPYAEGIVMQTAEGFPFCTQRPAGASGKSWLFAGAPGDWHIVPGS LLANEMHKK EVAPSRGLFEPLIGIDFPKDEKVDSSKVYIKPKTRLFTILPVDYNILVRK YFLSSVSHIM TQHNTIPVKVGIDCLSNEWSILYHQLRSKGTNWFNGDYSRFDGITPR NVLQGIVKRINKF YNNKNSLAITDSNLSINSDLARSLLTDMASTRYGLTNGDLWYVTS GIPSGFPLTVIVNSL VNNFFIHFSYIKLMKREELNSLYPLHSFRQMVAYATYGDDNLV SVNDVITEKFNLVKIAD LLAEHGVTLKNGADKNEEILSPFYPLEKVDFLKRKFVHYQG HVVAPLNPVNITERLHWIR KGLGEADATLENCSSAAFEALFHGRCYYDTLVAKIYKA CAASKLSIQLPTYNDALAIFLS NDSFAKAIQTISLDLPKAIFVNKSNYFVSEIFPDVFFC SNERNVTLHKLLEITTTTRNICY ISRNYESRNSSRGLFSLKGEGWALAPVSARLVVYK NMQKPVYFVDEANDGLALAYCLDYM LRIKGVSRSLAQVLYNIFGHDETLCSRIASN

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	FSLLDSENKYMPPHKK
Purity	Greater than 90% as determined by 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 multiple 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	Cherry rasp leaf virus RNA1 polyprotein
Synonyms	RNA1 polyprotein; Genome polyprotein B; P1
UniProt ID	Q6EWG9

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