

Recombinant Full Length Satsuma Dwarf Virus Rna1 Polyprotein Protein, His-Tagged

Cat. No. RFL15760SF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Satsuma dwarf virus RNA1 polyprotein Protein (Q9WAL8) (1401-2081aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Satsuma dwarf virus (isolate Satsuma mandarin/Japan/S-58/1977) (SDV)
Source	E.coli
ProteinLength	Full Length (1401-2081)
Form	Lyophilized powder
AA Sequence	AELDAAILDRFSIPISECRKELTPMTTRLGYVVGQYPRALRKTSIVPSIIHDNLWRKPE T EPTILGKIDDRSPFPYDPYATIGEKFVQEVGPIDLSVGSDASLVVANIGSSWKAVGK PQC PTVLTWEVAINGDAAIPYCERLPLSTSEGYPDSIQRNFGKEKGKKRFFDLKGENV RVPTPA LMEELEVLERELQKEEVCLTCINTACAKDEKTAPKKVRVQPKTRIFEILPFQI NIIIRRY LMFWMQLLMVAHDELPSKVGINVYSESWDRLGRHTRLANHFTGDYSGF DTSTPRVLVYA IIDKINELADDGEVNQRTRRNIRFVLNRYLISDGVLYEIHGGTPSGF APTVMINSVVNE FYLKWSWIGLLKEAGYANQATLYAFHEATEISLYGDDNFVSVATP VASVYNLTTISNFLG RIGVKLGDGAKTGTIKPFIPLEEVDFLKRQFVADSGSTAILCPL KKISIEERLFYVRGGQ DEIAALELNIATALCEAFFHGKEYFSFLEGKIIAMRKSGVAL SRPLPTMESVRAWYMSQ RGNTKIRSPSFEGLTMSGILNIGLAEARSVGGVACFSG IEFRGRSDDHLMVIPTYIPGG WRTKQQQTYISFVRDSEKMAQVIKRVAHFSTVVATD KSMAYLVAICIAYSRGSISRMEVR CHVQNLKVAEMLLCNQICNFL

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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 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	Satsuma dwarf virus RNA1 polyprotein
Synonyms	RNA1 polyprotein; P1
UniProt ID	Q9WAL8