Recombinant Full Length Southern Bean Mosaic Virus Replicase Polyprotein P2Ab (Orf2A-2B) Protein, His-Tagged

Cat. No. RFL28244SF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Southern bean mosaic virus Replicase polyprotein P2AB (ORF2A-2B) Protein (O72157) (403-962aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Southern bean mosaic virus (isolate Bean/United States/Arkansas) (SBMV)
Source	E.coli
ProteinLength	Full Length of Mature Protein (403-962)
Form	Lyophilized powder
AA Sequence	TVAEPLNLPAGGRVKALAALSQLAGYDFKEGEAASTRGMPLRFVGQSACKFRELCR KDTP DEVLRATRVFPELSDFSWPERGSKAELHSLLLQAGKFNPTGIPRNLEGACQN LLERYPAS KSCYCLRGEAWSFDAVYEEVCKKAQSAEINEKASPGVPLSRLASTNKD LLKRHLELVALC VTERLFLLSEAEDLLDESPVDLVRRGLCDPVRLFVKQEPHASRKV REGRFRLISSVSLVD QLVERMLFGPQNQLEIAEWEHIPSKPGMGLSLRQQAKSLFD DLRVKHSRCPAAEADISGF DWSVQDWELWADVEMRIVLGGFGHKLAKAAQNRFSC FMNSVFQLSDGTLIEQQLPGIMKS GSYCTSSTNSRIRCLMAELIGSPWCIAMGDDSV EGWVDGAKDKYMRLGHTCKDYKPCATT ISGRLYEVEFCSHVIREDRCWLASWPKT LFKYLSEGKWFFEDLERDVSSSPHWPRIRHYV VGNTPSPHKTNLQNQSPRYGEEV DKTTVNQGYSEHSGSPGHSIEEAQEPEAAPFCCEAAS VYPGWGVHGPYCSGDYG SLT

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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℃/-80℃. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION

Gene Name	ORF2A-2B
Synonyms	ORF2A-2B; Replicase polyprotein P2AB
UniProt ID	O72157

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