

Recombinant Full Length Turnip Yellows Virus Protein P1-P2 (Orf1/Orf2) Protein, His-Tagged

Cat. No. RFL14103TF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Turnip yellows virus Protein P1-P2 (ORF1/ORF2) Protein (P09507) (401-1035aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Turnip yellows virus (isolate FL-1) (TuYV) (BWYV-FL1)
Source	E.coli
ProteinLength	Full Length (401-1035)
Form	Lyophilized powder
AA Sequence	TTAPQGRVFAQEDIAEIEGLYAQVMKRVQQAEDFKPKTGKYWGDMEDDEDIFFESK EDLS GKRSARHRPRNKRRRQLHPKDKQRRWERDDGENNLISGKDKSREHREES DRGDLRESDE NSEIPPQKSPKETAGEFERYFSSLYNWEVPTSPREVPGFRHCGKL PQYYHPKQKEESSWG KTLVGNHPALGEKTSFGWPKFGPEAELKSLRLQASRWL ERAQSAEIPSDAERERVIQKT ADVYHPCQTNGPAATRGGTLTWNNFMIDFKQAVFS LEFDAGIELPYIAYGKPTHRGWVED QKLLPILAQLTFFRLQKMLEVNFEEDMGPEELV RNLCDPIRLFVKGEPHKQAKLDEGRYR LIMSVSLVDQLVARVLFQNNQNKREIALW RAIPSKPGFGLSTDEQVLDFVESLARQVGTTT TEVVANWKNYLTPTDCSGFDWSVA DWMLHDDMIVRNRLTIDLNPATERLRSCWLRCISNS VLCLSDGTLAQIHPGVQKSG SYNTSSSNSRIRVMAAFHTGAIWAMAMGDDALESNPADL AAYKKLGFKVEVSGQLE FCSHIFRAPDLALPVNENKMIYKLIYGYNPGSGNAEVVSNYLA ACFSVLNELRHDPA SVELLYSWLVDPVLPQKIPGE

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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	ORF1/ORF2
Synonyms	ORF1/ORF2; Protein P1-P2
UniProt ID	P09507

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