

# Recombinant Full Length Tomato Spotted Wilt Virus Envelope Glycoprotein(Gp) Protein, His-Tagged

**Cat. No.** RFL18173TF    **Lot. No.** (See product label)

## SPECIFICATION

### Product Overview

Recombinant Full Length Tomato spotted wilt virus Envelope glycoprotein(GP) Protein (O55647) (485-1135aa), fused to N-terminal His tag, was expressed in E. coli.

### Species

Tomato spotted wilt virus (TSWV)

### Source

E.coli

### ProteinLength

Full Length of Mature Protein (485-1135)

### Form

Lyophilized powder

### AA Sequence

KFEKCPEKDQCVCNVKEDIIESIFGTNIVIEGPNDCIENQNCAAHPSIDNLIKRLGC  
 E YLDFRNKPLYNGFSDYTGSSSLGLTSVGLYEAKRLRNGIIDSYNRTDKISGMIAGDS  
 LNK NETSIPENILPRQSLIFDSVVDGKYRYMIEQSLLGGGGTIFMLNDKTSETAKKFVI  
 YIKS VGIHYEVSEKYTTAPIQSTHTDFYSTCTGNCDTCRKNQALTGFQDFCITPTSY  
 WGCEEAW CFAINEGATCGFCRNIYDMDKSYRIYSVLKSTIVADVCISGILGGQCSKIT  
 EEVPYENAL FQADIQADLHNDGITIGELIAHGPD SHIYSGNIANLNDPVKMFHPQLT  
 HDGVPIFTKKT LEGDDMSWDCAAIGKKSITIKTCGYDTYRFRSGLEQISDIPVSFKDF  
 SSFFLEKAFSLGK LKIVVDLPSDLFKVAPKRPSITSTSLNCNGCLLCGQGLSCILEFFS  
 DLTFSTAISIDACS LSTYQLAVKKGSNKYNITMFCSANPDKKMTLYPEGNPDISVEV  
 LVNNVIVEEPENIIDQ NDEYAHEEQQYNSDSSAWGFWDYIKSPFNFIASYFGSFFDTI  
 RVILLIAFIFLVIYFCSI LTTICKGYVKNESYKSRKIEDDDDDSEIKAPMLMKDTMTRRR  
 PPMDFSHLV

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<b>Purity</b>	Greater than 90% as determined by SDS-PAGE.
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Storage</b>	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
<b>Storage Buffer</b>	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
<b>Reconstitution</b>	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.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	GP
<b>Synonyms</b>	GP; Envelopment polyprotein; M polyprotein
<b>UniProt ID</b>	<a href="#">O55647</a>

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