

Recombinant Tobacco etch virus TEV Protease Protein (G2038-N2273), His/GST-tagged

Cat. No. TEV Protease-1364T Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Tobacco etch virus 6His-GST-Thrombin-TEV Protease(2038-2273)(S2256V)-5R-GGSC protein with a His/GST tag was expressed in E. coli
Species	Tobacco etch virus
Source	E.coli
ProteinLength	G2038-N2273
Description	Required for aphid transmission and also has proteolytic activity. Only cleaves a Gly-Gly dipeptide at its own C-terminus. Interacts with virions and aphid stylets. Acts as a suppressor of RNA-mediated gene silencing, also known as post-transcriptional gene silencing (PTGS), a mechanism of plant viral defense that limits the accumulation of viral RNAs. May have RNA-binding activity.
Form	Liquid
Endotoxin	< 0.01 EU/μg of the protein
Purity	80%
Stability	Samples are stable for up to twelve months from date of receipt at -20 to -80 centigrade

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Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Storage Buffer	Supplied as sterile 50mM Tris7.5, 200mM NaCl, 20%glycerol, 1mM DTT.
Shipping	It is shipped out with blue ice.

GENE INFORMATION

Gene Name	TEVgp1 polyprotein [Tobacco etch virus]
Official Symbol	TEVgp1
Synonyms	TEVgp1; polyprotein; polyprotein; 6K2 protein; NIa-VPg protein; NIb protein; coat protein; P1 protein; HC-Pro protein; P3 protein; 6K1 protein; CI protein; NIa-Pro protein
Gene ID	1502321
Protein Refseq	NP_062908
UniProt ID	P04517

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