

Recombinant TEV TEVgp1, N-His tagged

Cat. No. TEVgp1-319T Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant TEV TEVgp1 (NP_062908) (Gly 2038- Gly 2280, with a Ser 2256 Asn mutation), fused with a polyhistidine tag at the N-terminus, was produced in E. coli.
Species	TEV
Source	E.coli
ProteinLength	2038-2280 a.a.
Predicted N Terminal	Met 1
Form	Lyophilized from sterile 50mM Tris, 10% Sucrose, 5mM DTT, pH 8.0
Molecular Mass	The recombinant TEV protease consists of 251 amino acids and has a predicted molecular mass of 28.6 kDa. As estimated in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 eu per µg of the protein as determined by the LAL method.
Purity	>95%, as determined by SDS-PAGE
Stability	Samples are stable for up to twelve months from date of receipt at -70oC.
Storage	Store it under sterile conditions at -20oC~-70oC. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution.
Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	TEVgp1?polyprotein [?Tobacco etch virus?]
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Official Symbol	TEVgp1
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Gene ID	1502321
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Protein Refseq	NP_062908
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UniProt ID	1212415A
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