

Recombinant TEV TEVgp1, His tagged

Cat. No. TEVgp1-320T **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.
Description	TEV Protease specifically recognizes the heptapeptide sequence Glu-Asn-Leu-Tyr-Phe-Gln-Gly/Ser, and digested between Gln and Gly/Ser amino acid residues. It is commonly used to remove glutathione S-transferase (GST), his or other tagged protease from the fusion protein.
Form	25mM Tris-HCl, 150mM NaCl, 1mM EDTA, 5mM DTT, 50%(v/v) glycerol, pH 8.0.
Molecular Mass	28 kDa
Purity	>95%
Unit Definition	One unit definition is the amount of enzyme required to cut 3 µg of the control substrate to 85% or more under 30 centigrade, pH 8.0 for 1 hour.
Storage	Storage at -20 centigrade.

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GENE INFORMATION

Gene Name	polyprotein [Tobacco etch virus]
Official Symbol	TEVgp1
Synonyms	TEVgp1; TEV Protease; polyprotein
Gene ID	1502321
Protein Refseq	NP_062908.1

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