

TEV Recombinant Protein



RPPB5123

Product Information Protein Information

Product SKU:

RPPB5123

Accession:

Q0GDU8

Host:

Escherichia Coli.

Protein description:

Recombinant TEV Protease (rTEV) is a site-specific protease purified from E. coli. The protease can be used for the removal of affinity tags from fusion proteins. The seven-amino-acid recognition site for rTEV is Glu-Asn-Leu-Tyr-Phe-Gln-Gly with cleavage occurring between Gln and Gly. The optimal temperature for cleavage is 30°C; however, the enzyme can be used at temperatures as low as 4°C. The rTEV contains His tag. The rTEV is purified by proprietary chromatographic techniques.

Appearance:

Sterile liquid formulation.

Synonyms:

rTEV, TEV, P1 protease.

Formulation:

The rTEV contains 25mM Tris, 75mM NaCl, 5mM EDTA, 10mM GSH, 50% Glycerol.

Purity:

Greater than 90.0% as determined by analysis by SDS-PAGE.

Stability:

rTEV although stable at 4°C for 1 week, should be stored below -18°C. Please prevent freeze thaw cycles.