

TurboTEV Protease, recombinant protein
TEV Protease
Catalog # PBV11423r**Specification**

TurboTEV Protease, recombinant protein - Product infoCalculated MW **52.0 kDa KDa****TurboTEV Protease, recombinant protein - Additional Info****Other Names**
ProteaseSource
Assay&Purity
Assay2&Purity2
Recombinant**Format**
Liquid**E. coli**
SDS-PAGE;
HPLC;
Yes**Storage**

-20°C; 2 mg (20,000 units)/ml in 25 mM Tris-HCl, pH 8.0, 50 mM NaCl, 1 mM TCEP, 50% glycerol.

TurboTEV Protease, recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

TurboTEV Protease, recombinant protein - Images**TurboTEV Protease, recombinant protein - Background**

BioVision's TurboTEV Protease is a cysteine protease that recognizes the cleavage site of Glu-Xaa-Xaa-Y- Xaa-Gln-(Gly/Ser) and cleaves between Gln and Gly; the optimal sequence is Glu-Asn-Leu-Tyr-Phe-Gln-Ser. It contains an enhanced form of a catalytic fragment of the N1a protein of Tobacco etch virus (TEV), TurboTEV. TurboTEV Protease is a restriction grade protease that has robust activity at 4°C with high specificity and great stability. It does not require any special buffer for its activity and can be used in a buffer most suitable for the target protein. TurboTEV Protease is a 52 kDa protein with both GST and His tags so it can be removed by either Ni-chelating or glutathione (GSH) resin.