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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Turbo TEV protease (active)

Cat. No. GTX53471-pro

Application	Functional Assay
Species	Tobacco etch virus

Package
1 mg

PRODUCT

Summary

TurboTEV™ Protease contains an enhanced form of a catalytic fragment of the N1a protein of Tobacco etch virus (TEV), a cysteine protease that recognizes the cleavage site of Glu-Asn-Leu-Tyr-Phe-Gln-Gly/Ser and cleaves between Gln and Gly/Ser. TurboTEV Protease is a restriction grade protease that has a 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.

APPLICATION

Application Note

> 10 Units/μg. 1 Unit of TurboTEV Protease cleaves >85% of 3 μg of control substrate in 1 hour at 30°C. (For detail information, please refer to the protocol.)

PROPERTIES

Form	Liquid
Buffer	25mM Tris-HCl, 50mM NaCl, 50% Glycerol, 1mM TCEP
Preservative	No preservative
Storage	Store as concentrated solution. Aliquot and store at -20°C or below. Avoid freeze-thaw cycles.
Concentration	2 mg/ml (Please refer to the vial label for the specific concentration.)
Expression System	E. coli
Conjugation	Unconjugated
Note	For In vitro laboratory use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.



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