

Product overview

Product Name	TEV Protease
Catalog No.	ATE00001 (Old ata806)
Expression host	E.coli
MW	50kDa
Purity	>80% as determined by SDS-PAGE quantitative densitometry by Coomassie Blue Staining.
Concentration	17U/μl
Unit Definition	In 1 × TEV Protease Buffer react for 3 hours at 30 ° C and cleave > 35% of 3ug substrate is defined as one active unit.
Digestion reaction condition	Digestion at 30 °C for 1 hour
Tag	N- terminal Gst Tag

Product performance

Form	Liquid
Buffer	25 mM Tris-HCl, 50 mM NaCl, 1 mM EDTA, 50% glycerol , pH8.0
Storage	Store at -20 ° C, 12 months shelf life

Standard Operating Procedure

1. During the experiment, please pay attention to :

- (1) When using this product, in order to achieve the best digestion effect, please ensure that the recombinant protein is partially or completely purified protein.
- (2) If the fusion protein contains the denaturant, the denaturant should be removed to perform the digestion reaction.
- (3) To remove TEV Protease from the digested system, it can be removed with glutathione affinity column.

