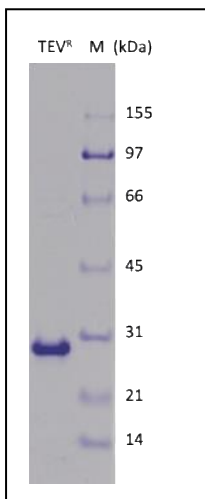


Recombinant TEV Protease

Catalog Number	Size
AG222-10	10ug
AG222-25	25ug
AG222-B	Bulk

Description



The genetically engineered TEV Protease was expressed in the E coli system and purified by the combination of Ni-affinity column and other conventional chromatographic methods. The resulted protein contains 254 amino acids with 6His-tag at the N-terminus. It migrates in SDS-PAGE with an apparent molecular mass of 30kDa.

NA

Accession Number

NA

Molecular Mass

Approximately 30kDa.

Purity

≥90%, as determined by SDS-PAGE.

Biological Activity

Tobacco etch virus (TEV) protease is a catalytic domain of the polyprotein nuclear inclusion a (NIa) in TEV, which recognize the specific amino acid sequence ENLYFQG/S and cleaves between Q and G/S. Recombinant TEV Protease can be used for in various protein-engineering fields including protein-protein interactions and cleavage of fusion proteins.

Formulation

20mM Tris-Cl (pH7.9), 20% glycerol 100mM NaCl, 1mM DTT and 1mM EDTA.

Storage

The protein sample can be stored under sterile conditions at 2-8°C for one month or at -20°C to -70°C for three months without detectable loss of activity. (**Avoid repeated freeze-thaw cycle**)

FOR RESEARCH USE ONLY!!!