TEV Protease

Summary

Catalog No.	YVV16201
Alternative Names	TEV Protease, Genome polyprotein
Form	Liquid
Storage buffer	25 mM Tris-HCl, pH8.0, 50 mM NaCl, 1 mM EDTA, 50% glycerol.
Concentration	17000U/mL
Purity	>90% as determined by SDS-PAGE.
Applications	TEV Protease is a highly specific cysteine protease. The TEV Protease recognition sequence with the highest catalytic efficiency is ENLYFQ↓(S/G/A/M/C/H).
Target	TEV Protease
Biological activity	One unit of TEV Protease cleaves 85% of a 3 μg control substrate in 1 h at 30°C.
Endotoxin level	Please contact with the lab for this information.
Expression system	E.coli
Protein length	TEV Protease is cloned from Tobacco etch virus (TEV) and expressed in E.coli.
Nature	Recombinant
Predicted molecular weight	54.31 kDa
Stability and Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles.Store at 2 to 8 °C for one week .Store at -20 to -80 °C for twelve months from the date of receipt.

Species	Tobacco etch virus (TEV)
Shipping	In general, proteins are provided as lyophilized powder/frozen liquid. They are shipped out with dry ice/blue ice unless customers require otherwise.
Note	For research use only.

Data Image

SDS-PAGE

SDS PAGE for recombinant TEV Protease