Enterokinase

Summary

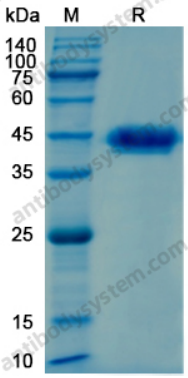
Catalog No.	EBF78301
Form	Liquid
Storage buffer	50 mM Tris-HCl, 50%Glycerol, pH 8.0
Concentration	> 30 KU / mg, 1mg of recombinant bovine enterokinase can cut at least 1.5g fusion protein.
Purity	>90% as determined by SDS-PAGE.
Applications	Fusion Protein Cleavage,Protein Purification,Protein Digestion
Target	Enterokinase
Biological activity	At 25 ° C, reaction buffer 50 mM Tris-HCl (PH 8.0), the amount of enzyme required to digest 50 ug fusion protein containing the digestion site within 16 hours is defined as 1 unit of enzyme activity, which is 1U.
Endotoxin level	Please contact with the lab for this information.
Expression system	Yeast
Protein length	Enterokinase is cloned from bovine and expressed in Yeast.
Nature	Recombinant
Predicted molecular weight	22.11 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.

Experimental Procedure	Digestion reaction condition Digestion at 25 ℃ for 16 hours
Species	Bovine
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.

Description

Enterokinase is a specific protease that cleaves after lysine at its cleavage site Asp-Asp-Asp-Asp-Lys. It will sometimes cleave at other basic residues, depending on the conformation of the protein substrate.

Data Image



SDS-PAGE

SDS PAGE for recombinant Bovine Enterokinase