Active Recombinant Bovine Enterokinase, His-tagged

Cat. No. Enterokinase-11082B **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Enterokinase is expressed from Pichia Pastoris, it contained the light chain of the bovine enterokinase. Enterokinase is a specific protease that cleaves after lysine at its cleavage site Asp-Asp-Asp-Asp-Lys. Enterokinase will not work if the recognition site is followed by a proline. This protease with 10 × His-tag binds with Ni2+ affinity chromatography and was designed for removing from digestion system.
Species	Bovine
Source	Yeast
Description	Enterokinase is expressed from Bovine Yeast.
Form	Supplied as 0.2 μm filtered solution in 20 mM Tris, 200 mM NaCl, pH7.2 with glycerol as protectant.
Bio-activity	Enzyme Activity: >8 U/μL Unit Definition: 1 unit is defined as the amount of enzyme required to cleave 25 μg of a MBP-EK-paramyosin-ΔSal substrate to 95% completion in 16 hours at 25 centigrade in a total reaction volume of 100 μL.
Endotoxin	Less than 1.0 EU/μg by the LAL method/rFC method.
Purity	>95% as determined by SDS-PAGE. >90% as determined by SEC-MALS.
Applications	Protein Purification. Fusion Protein Cleavage.

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Storage	This product is stable after storage at: The product MUST be stored at -20 centigrade or lower upon receipt; -20 centigrade for 3 months under sterile conditions.
Concentration	0.2 mg/mL
Shipping	This product is supplied and shipped with dry ice, please inquire the shipping cost.

GENE INFORMATION

Official Symbol	Enterokinase
Synonyms	Enterokinase

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