
Product Data Sheet

Product Name: Enterokinase Bovine His
 Cat. No.: GP21606
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Enteropeptidase; EC 3.4.21.9; Enterokinase; Serine protease 7; ENTK; MGC133046.		
Formulation	Bovine EK is supplied in 50mM Tris-HCl, pH 8.0, 0.5M NaCl and 50% glycerol.		

Introduction

Enteropeptidase or enterokinase is an enzyme involved in human digestion. It is produced by cells in the duodenum wall, and is secreted from duodenum's glands, the crypts of Lieberk^hn, whenever ingested food enters the duodenum from the stomach. Enteropeptidase has the critical job of turning trypsinogen (a zymogen) to trypsin, indirectly activating a number of pancreatic digestive enzymes. Enteropeptidase is a serine protease enzyme (EC 3.4.21.9). Enteropeptidase is a part of the Chymotrypsin-clan of serine proteases, and is structurally similar to these proteins.

Stability

One year when stored at -20°C . Please avoid freeze-thaw cycles.

Background

Enterokinase Bovine Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 241 amino acids with a 6 × His at C-terminus and having a molecular mass of 28.0kDa. The Enterokinase Bovine is purified by proprietary chromatographic techniques.

Caution: Product has not been fully validated for medical applications. For research use only.

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