

32-2185: bEnterokinase His Recombinant Protein

Alternative Name : Enteropeptidase, EC 3.4.21.9, Enterokinase, Serine protease 7, ENTK, MGC133046.

Description

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

Product Info

Amount : 100 IU
Content : Bovine EK is supplied in 50 mM Tris-HCl, pH 8.0, 0.5M NaCl and 50% glycerol.
Storage condition : One year when stored at -20°C. Please avoid freeze-thaw cycles.