

## Enterokinase Bovine His

**Description:** Enterokinase Bovine Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 241 amino acids with a 6

**Catalog #:** ENPS-662

**Synonyms:** Enteropeptidase, EC 3.4.21.9, Enterokinase, Serine protease 7, ENTK, MGC133046.

For research use only.

**Source:** Escherichia Coli.

**Physical Appearance:** Sterile liquid solution.

**Formulation:**

Bovine EK is supplied in 50 mM Tris-HCl, pH 8.0, 0.5M NaCl and 50% glycerol.

**Stability:**

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

**Usage:**

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**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 Lieberkhn, 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.

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