

## Native Bovine Intestine Enterokinase

**Cat. No.:** AP2F210

**Product Type:** Animal Proteins

**Size:** 50 U

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### Product Overview

BioVenic's Native Bovine Intestine Enterokinase is a native protein derived from Bovine Intestine.

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### Specifications

Type	Native Protein
Species	Bovine
Source	Intestine
Predicted Molecular Weight	120 kDa; 47 kDa
Physical State	Lyophilized
Formulation	Optimized enterokinase buffer.

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### Target Information

Enteropeptidase is responsible for initiating activation of pancreatic proteolytic proenzymes (trypsin, chymotrypsin and carboxypeptidase A). It catalyzes the conversion of trypsinogen to trypsin which in turn activates other proenzymes including chymotrypsinogen, procarboxypeptidases, and proelastases. Enteropeptidase is synthesized as a single-chain protein, whereas purified enteropeptidase contains an approximately 47-kDa serine protease domain (light chain) and a disulfide-linked approximately 120-kDa heavy chain.

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Protein	Bovine Enterokinase
Protein Synonym	Enterokinase; Enteropeptidase; EC 3.4.21.9
Gene ID	<a href="#">282009</a>
UniProt ID	<a href="#">P98072</a>
EC No.	<a href="#">3.4.21.9</a>

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### Shipping and Storage

Store at -20°C. Avoid freeze and thaw cycles.

The product is for research use only. Not for commercial, prophylactic, diagnostic, or therapeutic applications. Please determine the purpose of the product before purchasing. For further information and inquiry, please contact us.