

Native Porcine Pepsin Protein, GMP Grade

Product Information

Cat#

Pepsin-170THP

Common Name

Pepsin

Product Name

Native Porcine Pepsin Protein, GMP Grade

Product Overview

Native Porcine Pepsin Protein without tag was produced under cGMP guidelines.

Species

Porcine

Bio-activity

100 mg/30 mL

Molecular Mass

Not Available

AA Sequence

MKWLLLLSLVVLSECLVKVPLVRKKSLRQNLKNGKLKDFLKTHKHNPAKYFPEAAALIGDEPLENYLDTEYFGTI
GIGTPAQDFTVIFDTGSSNLWVPSVYCSSLACSDHNQFNPDDSSSTEATSQELSITYGTGSMTGILGYDTVQVG
GISDTNQIFGLSETEPGSFLYYAPFDGILGLAYPSISASGATPVFDNLWDQGLVVSQDLFSVYLSSNDDSGSVLL
GGIDSSYYTGSLNWVPVSVEGYWQITLDSITMDGETIACSGGCQAIVDTGTSLTGPTSAIANIQSDIGASENS
DGEMVISCSSIDSLPDIVFTINGVQYPLSPSAYILQDDDSCTSGFEGMDVPTSSGELWILGDVFIRQYYTVFDRA
NNKVGLAPVA

Endotoxin

<0.001 EU/μg of the peptide by the LAL method

Applications

Native Porcine Pepsin Protein, GMP Grade

Used as a pancreatic enzyme replacement in pancreatic insufficiency. The product powder is prepared from the gastric mucosa of pigs, cattle or sheep. In the laboratory, it is primarily used for the unspecific hydrolysis of proteins and peptides in acidic media. In addition, it provides limited hydrolysis of native immunoglobulins, yielding biologically active fragments. In certain supplements, the product may be combined with betaine and HCl (hydrochloric acid) to aid in digestion in various gastrointestinal conditions.

Usage

Pancreatic insufficiency

Official Symbol

Pepsin

Synonyms

Pepsin
