

pepsin A

Cat. No. EXWM-4250

Lot. No. (See product label)

Introduction

Description

The predominant endopeptidase in the gastric juice of vertebrates, formed from pepsinogen A by limited proteolysis. Human pepsin A occurs in five molecular forms. Pig pepsin D is unphosphorylated pepsin A. Type example of peptidase family A1.

Synonyms

pepsin; lactated pepsin; pepsin fortior; fundus-pepsin; elixir lactate of pepsin; P I; lactated pepsin elixir; P II; pepsin R; pepsin D

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 3.4.23.1

CAS No.

9001-75-6

Reaction

Preferential cleavage: hydrophobic, preferably aromatic, residues in P1 and P1' positions. Cleaves Phe1+Val, Gln4+His, Glu13+Ala, Ala14+Leu, Leu15+Tyr, Tyr16+Leu, Gly23+Phe, Phe24+Phe and Phe25+Tyr bonds in the B chain of insulin

Notes

This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.

Storage and Shipping Information

Storage

Store it at +4 °C for short term. For long term storage, store it at -20 °C~-80 °C.