

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.