

## 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.