

Datasheet for ABIN2648119 **Pepsinogen A Protein**



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Overview

Quantity:	100 µg
Target:	Pepsinogen A
Origin:	Human
Source:	Human
Protein Type:	Native
Biological Activity:	Active

Product Details

Characteristics:	Purified native Human Pepsinogen I protein Bioactivity: One unit will produce a change A280 of 0.001 per minute at pH 2.0 and 37 °C. Protein Source: Human stomach
Purity:	> 90 % pure

Target Details

Target:	Pepsinogen A
Alternative Name:	Pepsinogen I (Pepsinogen A Products)
Background:	Pepsinogen is the precursor form of pepsin an enzyme released by the chief cells in the stomach and that degrades food proteins into peptides. Pepsin is one of three principal protein-degrading, or proteolytic, enzymes in the digestive system. During the process of digestion, these enzymes, each of which is specialized in severing links between particular types of amino acids, collaborate to break down dietary proteins into their components, i.e., peptides and amino acids, which can be readily absorbed by the intestinal lining.

Target Details

Description: Human stomach.

Application Details

Application Notes: Each Investigator should determine their own optimal working dilution for specific applications.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Reconstitute in 1 mL saline.

Buffer: 0.02 M K₃PO₄, pH 7.0, 0.12 M NaCl.

Handling Advice: Avoid repeated freeze/thaw cycles.

Storage: -20 °C