

Bioactive

Pepsin A (Porcine), 2x

Catalog # P5248

Size 1 g

Specification

Product Description	Lyophilized. 2x crystalline from dilute alcohol.
Biological function	Pepsin is the principal proteolytic enzyme of vertebrate gastric juice. Its inactive precursor form, pepsinogen, is produced in stomach mucosa. The minor pepsins are designated B, C, and D, while the major component is A.
Host	Pig
Theoretical MW (kDa)	34.6
Form	Lyophilized
Preparation Method	Native protein purified from Porcine Stomach
Activity	$\geq 2,500$ units per mg dry weight. One Unit releases 0.001 A280 as TCA soluble hydrolysis products from denatured hemoglobin per minute at 37°C.
Recommend Usage	Digestion of antibodies; Preparation of collagen for cosmeceutical purposes; Assessment of digestibility of proteins in food chemistry; Subculture of viable mammary epithelial cells.
Storage Instruction	Store at 4°C.

Applications

- Enzyme Activity

Gene Info — LOC396892

Entrez GeneID [396892](#)Protein Accession# [P00791](#)

Gene Name	LOC396892
Gene Alias	-
Gene Description	pepsin
Gene Ontology	Hyperlink
Other Designations	pepsinogen