Bioactive

Carboxypeptidase B (Porcine)

Catalog # P5296 Size 5 mg

Specification

Product Description	Solution. ≤ 0.02% chymotrypsin and trypsin.
Biological function	Carboxypeptidase B is a metallocarboxypeptidase that catalyzes the hydrolysis of the basic amino a cids, lysine, arginine, and ornithine from the C-terminal position of polypeptides.
Host	Pig
Theoretical MW (kDa)	34.7
Form	Liquid
Preparation Method	Native protein chromatographically purified from Porcine Pancreas
Activity	>=170 units per mg protein. One Unit hydrolyzes one micromole of hippuryl-L-arginine per minute at 25°C, pH 7.65.
Recommend Usage	Carboxypeptidase B Assay
Storage Buffer	In 100 mM sodium chloride
Storage Instruction	Store at -20°C.

Applications

- Enzyme Activity

Gene Info — CPB1

Entrez GeneID	397341
Protein Accession#	P09955

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Gene Name	CPB1
Gene Alias	-
Gene Description	carboxypeptidase B1 (tissue)
Gene Ontology	Hyperlink
Other Designations	pancreatic carboxypeptidase B1|procarboxypeptidase B

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