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Datasheet for ABIN5710824

Myonase Protein (MCPT4) (AA 21-246) (His tag)

1 Image

Overview

Quantity:	100 µg
Target:	Myonase (MCPT4)
Protein Characteristics:	AA 21-246
Origin:	Mouse
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This Myonase protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	IIGGVESRPH SRPYMAHLEI TTERGFTATC GGFLITRQFV MTAAHCSGRE ITVTLGAHDV SKTESTQQKI KVEKQIVHPK YNFYSNLHDI MLLKLQKKAK ETPSVNVIPL PRPSDFIKPG KMCRAAGWGR TGVTEPTS DT LREVKL RIMD KEACKNYWHY DYNLQVCVGS PRKKRSAYKG DSGGPLLCAG VAHGIVSYGR GDAKPPAVFT RISSYVPWIN RVIKGE
Purification:	SDS-PAGE
Purity:	> 90 %

Target Details

Target:	Myonase (MCPT4)
Alternative Name:	MCPT4 (MCPT4 Products)
Background:	Has chymotrypsin-like activity. Hydrolyzes the amide bonds of synthetic substrates having Tyr

Target Details

and Phe residues at the P1 position. Preferentially hydrolyzes the 'Tyr-4-Ile-5' bond of angiotensin I and the 'Phe-20-I-Ala-21' bond of amyloid beta-protein, and is less active towards the 'Phe-8-I-His-9' bond of angiotensin I and the 'Phe-4-I-Ala-5' and 'Tyr-10-I-Glu-11' bonds of amyloid beta-protein. Involved in thrombin regulation and fibronectin processing.

Molecular Weight: 29.2 kDa

UniProt: [P21812](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

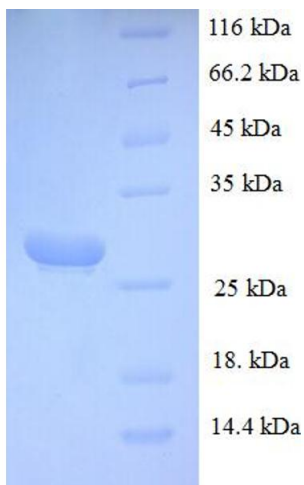
Concentration: 0.1-2 mg/mL

Buffer: 20 mM Tris-HCl based buffer, pH 8.0

Storage: -80 °C, 4 °C, -20 °C

Storage Comment: Store at -20°C, for extended storage, conserve at -20°C or -80°C. Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Images



SDS-PAGE

Image 1.