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Datasheet for ABIN1509904
MCPT8 Protein (AA 21-248) (His tag)

Overview

Quantity:	1 mg
Target:	MCPT8
Protein Characteristics:	AA 21-248
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This MCPT8 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	IIWGTESKPH SRPYMASLMF YYGNSYRHYC GGFLVAKDIV MTAAHCNLSN IKVTLGAHNI KKQEKTVIA VVKAKPHENY DRHSRFNDIM LLKLERKAQL NGAVKTIALP RSQDWWKPGQ VCTVAGWGCL ANCSLSNTLQ EVNLEVQEGQ KCEDMSRNYN DSIQLCVGNP SEGKATGKGD SGGPFVCDGV AQQIVSYRLC TGTLPRVFTR ISSFIPWIQK TMKLLQQS
Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	> 90 %

Target Details

Target:	MCPT8
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Target Details

Abstract: [MCPT8 Products](#)

Background: Recommended name: Mast cell protease 8.
Short name= rMCP-8.
EC= 3.4.21.-.
Alternative name(s): Mast cell protease VIII.
Short name= rMCP-VIII

UniProt: [P97594](#)

Application Details

Comment: The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modified such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Concentration: 0.2-2 mg/mL

Buffer: Tris-based buffer, 50 % glycerol

Handling Advice: Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week

Storage: -20 °C

Storage Comment: Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.
