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Datasheet for ABIN1666749

Mast Cell Protease 1 (MCPT1) (AA 21-260) protein (His tag)

Overview

Quantity:	1 mg
Target:	Mast Cell Protease 1 (MCPT1)
Protein Characteristics:	AA 21-260
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	His tag
Application:	ELISA

Product Details

Sequence:	IIGGVESRPH SRPYMAHLEI TTERGYKATC GGFLVTRQFV MTAAHCKGRE TTVTLGVHVDV SKTESTQQKI KVEKQIVHPN YNFYSNLHDI MLLKLQKKAK VTPAVDVIPL PQPSDFLKPG KMCRAAGWGQ TGVTKPTSNT LREVKQRIMD KEACKNYFHY NYNFQVCVGS PRKIRSAYKG DSGGPLVCAG VAHGIVSYGR GDAKPPAVFT RISPYVPWIN KVIKGDLS LSLHESESPS
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:	Mast Cell Protease 1 (MCPT1)
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Target Details

Abstract:	MCPT1 Products
Background:	<p>Recommended name: Mast cell protease 1.</p> <p>Short name= rMCP-1.</p> <p>EC= 3.4.21.39.</p> <p>Alternative name(s): Chymase Chymotrysin-like protease.</p> <p>Short name= CLIP protein Mast cell protease I.</p> <p>Short name= rMCP-I</p>
UniProt:	P09650

Application Details

Comment:	<p>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.</p>
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.