Datasheet for ABIN1474878

PSMC5 Protein (AA 2-406) (His tag)

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Overview

Quantity:	1 mg
Target:	PSMC5
Protein Characteristics:	AA 2-406
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This PSMC5 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	ALDGPEQME LEEGKAGSGL RQYYLSKIEE LQLIVNDKSQ NLRRLQAQRN ELNAKVRLLR EELQLLQEQG SYVGEVVRAM DKKKVLVKVH PEGKFVVDVD KNIDINDVTP NCRVALRNDS YTLHKILPNK VDPLVSLMMV EKVPDSTYEM IGGLDKQIKE IKEVIELPVK HPELFEALGI AQPKGVLLYG PPGTGKTLLA RAVAHHTDCT FIRVSGSELV QKFIGEGARM VRELFVMARE HAPSIIFMDE IDSIGSSRLE GGSGGDSEVQ RTMLELLNQL DGFEATKNIK VIMATNRIDI LDSALLRPGR IDRKIEFPPP NEEARLDILK IHSRKMNLTR GINLRKIAEL MPGASGAEVK GVCTEAGMYA LRERRVHVTQ EDFEMAVAKV MQKDSEKNMS IKKLWK
Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	> 90 %

Target Details

Target:	PSMC5
Alternative Name:	26S protease regulatory subunit 8 (Psmc5) (PSMC5 Products)
Background:	Recommended name: 26S protease regulatory subunit 8. Alternative name(s): 26S proteasome AAA-ATPase subunit RPT6 Proteasome 26S subunit ATPase 5 Proteasome subunit p45 Thyroid hormone receptor-interacting protein 1. Short name= TRIP1 p45/SUG
UniProt:	P62198
Pathways:	Mitotic G1-G1/S Phases, DNA Replication, Synthesis of DNA, Ubiquitin Proteasome Pathway

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 modificated 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.