



[Go to Product page](#)

Datasheet for ABIN1477620

PSMC5 Protein (AA 1-461) (His tag)

Overview

Quantity:	1 mg
Target:	PSMC5
Protein Characteristics:	AA 1-461
Origin:	Xenopus laevis
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This PSMC5 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MEQMEMDESR GGTGLRQYYL SKIEDLQLVV NDKSQNLRRRL QAQRNELNAK VRLLEELQL LQEQGSYVGE VVRAMDKKKV LVKVHPEGKF VVDVDKNIDI NDVTPNCRVA LRNDSTYTLHK ILPNKVDPLV SLMMVEKVPD STYEMIGGLD KQIKEIKEVI ELPVKHPEHF EALGIAQPKG VLLYGPPGTG KTLLARAVAH HTDCTFIRVS GSELVQKFIG EGARMVRELF VMAREHAPSI IFMDEIDSIG SRLEGGSGGD SEVQRTMLEL LNQLDGFEAT KNIKVIMATN RIDILDSALL RPGRIDRKIE FPPPNEEARL DILKIHSRKM NLTRGINLRK IAELMPGASG AEVKGVCTEA GMYALRERRV HVTQEDFEMA VAKVMQKDSE KNMSIKKLWK CFFLVPI LCS TVCFQLKPSD VYYMGAWLIK PTRFNRRRIIT NSYHLQIFKP TIVLANGECH N
Specificity:	Xenopus laevis (African clawed frog)
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.

Product Details

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 SUG1 homolog.
Short name= xSUG1

UniProt: [P46470](#)

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 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

Handling

Storage: -20 °C

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