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Datasheet for ABIN1477596

PSMC2 Protein (AA 1-433) (His tag)

Overview

Quantity:	1 mg
Target:	PSMC2
Protein Characteristics:	AA 1-433
Origin:	Xenopus laevis
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This PSMC2 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	<p>MPDYLGADQR KTKEEEKEDK PIRSLDEGDI ALLKTYGQST YSRQIKQVED DIQQLLKKIN</p> <p>ELTGIKESDT GLAPPALWDL AADKQTLQSE QPLQVARCTK IINADSEDPK YIINVKQFAK</p> <p>FVVDLSQVA PTDIEEGMRV GVDRNKYQIH IPLPPKIDPT VTMMQVEEKP DVTYSADVGGC</p> <p>KEQIEKLREV VETPLLHPER FVNLGIEPPK GVLLFGPPGT GKTLCARAVA NRTDACFIRV</p> <p>IGSELVQKYV GEGARMVREL FEMARTKKAC LIFFDEIDAI GGARFDDGAG GDNEVQRTML</p> <p>ELINQLDGFDP RGNIKVLMA TNRPDTLDPAL LMRPGRDRK IEFSLPDLEG RTHIFKIHAR</p> <p>SMSVERDIRF ELLARLCPNS TGAEIRSVCT EAGMFAIRAR RKVATEKDFL EAVNKVIKSY</p> <p>AKFSATPRYM TYN</p>
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: PSMC2

Alternative Name: 26S protease regulatory subunit 7 (psmc2) ([PSMC2 Products](#))

Background: Recommended name: 26S protease regulatory subunit 7.
Alternative name(s): 26S proteasome AAA-ATPase subunit RPT1 Proteasome 26S subunit ATPase 2 Protein MSS1.
Short name= xMSS1

UniProt: [P46472](#)

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.