

Datasheet for ABIN1610993

**PSMC5 Protein (AA 1-402) (His tag)**[Go to Product page](#)

## Overview

Quantity:	1 mg
Target:	PSMC5
Protein Characteristics:	AA 1-402
Origin:	Manduca
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This PSMC5 protein is labelled with His tag.
Application:	ELISA

## Product Details

Sequence:	MTLTKMEVDS TKGEGFRPYY ITKIEELQLI VAEKSQLRR LQAQRNELNA KVRMLREELQ LLQEQGSYVG EVVKPMDKKK VLVKVHPEGK FVDLDKNVD INDVTANCRV ALRNESYTLH KILPNKVDPL VSLMMVEKVP DSTYEMVGG LDKQIKEIKV IELPVKHPEL FDALGIAQPK GVLLYGPPGT GKTLLARAVA HHTECTFIRV SGSELVQKFI GEGSRMVREL FVMAREHAPS IIFMDEIDSI GSSRIESGSG GDSEVQRTML ELLNQLDGFE ATKNIKVIMA TNRIDILDPA LLRPGRIDRK IEFPPNNEEA RLDILKHSR KMNLTRGINL RKIAELMPGA SGAEVKGVCT EAGMYALRER RVHVTQEDFE MAVAKVMQKD SEKNMSIKKL WK
Specificity:	Manduca sexta (Tobacco hawkmoth) (Tobacco hornworm)
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:	PSMC5
Alternative Name:	26S protease regulatory subunit 8 ( <a href="#">PSMC5 Products</a> )
Background:	Recommended name: 26S protease regulatory subunit 8. Alternative name(s): Protein 18-56
UniProt:	<a href="#">P54814</a>
Pathways:	<a href="#">Mitotic G1-G1/S Phases</a> , <a href="#">DNA Replication</a> , <a href="#">Synthesis of DNA</a> , <a href="#">Ubiquitin Proteasome Pathway</a>

## 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.