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Datasheet for ABIN1651070

**PSMB7 Protein (AA 44-277) (His tag)**

## Overview

Quantity:	1 mg
Target:	PSMB7
Protein Characteristics:	AA 44-277
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This PSMB7 protein is labelled with His tag.
Application:	ELISA

## Product Details

Sequence:	TTIAGVV YKDGIVLGAD TRATEGMVVA DKNCSKIHFI SPNIYCCGAG TAADTDMTTQ LISSNLELHS LTTGRLPRVV TANRMLKQML FRYQGYIGAA LVLGGVDVTG PHLYSIYPHG STDKLPYVTM GSGSLAAMAV FEDKFRPDME EEEAKKLVE AIAAGIFNDL GSGSNIDL CV ISKSKLDFLR PYSVPNKKGT RFGRYRCEKG TTAVLTEKVT PLELEVLEEI VQTMDTS
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:	PSMB7
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## Target Details

Alternative Name:	Proteasome subunit beta type-7 (Psmb7) ( <a href="#">PSMB7 Products</a> )
Background:	Recommended name: Proteasome subunit beta type-7. EC= 3.4.25.1. Alternative name(s): Macropain chain Z Multicatalytic endopeptidase complex chain Z Proteasome subunit Z
UniProt:	<a href="#">Q9JHW0</a>
Pathways:	<a href="#">Mitotic G1-G1/S Phases</a> , <a href="#">DNA Replication</a> , <a href="#">Synthesis of DNA</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.