

Datasheet for ABIN1653650
PSMD14 Protein (AA 1-308) (His tag)



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Overview

Quantity:	1 mg
Target:	PSMD14
Protein Characteristics:	AA 1-308
Origin:	Arabidopsis thaliana
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This PSMD14 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MERLQRIFGA GGGLGHASPD SPTLDTSEQV YISSLALLKM LKHGRAGVPM EVMGLMLGEF VDEYTVRVVD VFAMPQSGTG VSVEAVDHVF QTNMLDMLKQ TGRPEMVVGW YHSHPGFGCW LSGVDINTQQ SFEALNQRAV AVVVDPISQV KGKVVDAFR SINPQTIMLG QEPRQTTSNL GHLNKPSIQA LIHGLNRHYY SIAINYRKNE LEEKMLNLH KKKWTDGLTL RRFDTHTSKTN EQTQEMLSL AAKYNKAVQE EDELSPEKLA IVNVGRQDAK KHLEEHVSNL MSSNIVQTLG TMLDTVVF
Specificity:	Arabidopsis thaliana (Mouse-ear cress)
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:	PSMD14
Alternative Name:	26S proteasome non-ATPase regulatory subunit 14 (RPN11) (PSMD14 Products)
Background:	Recommended name: 26S proteasome non-ATPase regulatory subunit 14. EC= 3.4.19.-. Alternative name(s): 26S proteasome regulatory subunit rpn11
UniProt:	Q9LT08
Pathways:	Mitotic G1-G1/S Phases , DNA Replication , M Phase , Positive Regulation of Endopeptidase Activity , 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 modiflicated 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.