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Datasheet for ABIN1618817
PSMD12 Protein (AA 2-445) (His tag)

Overview

Quantity:	1 mg
Target:	PSMD12
Protein Characteristics:	AA 2-445
Origin:	Saccharomyces cerevisiae
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This PSMD12 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	SRDAPIKAD KDYSQILKEE FPKIDSLAQN DCNSALDQLL VLEKKTRQAS DLASSKEVLA KIVDLLASRN KWDDLNEQLT LLSKKHGQLK LSIQYMIQKV MEYLKSSKSL DLNTRISVIE TIRVVTENKI FVEVERARVT KDLVEIKKEE GKIDEAADIL CELQVETYGS MEMSEKIQFI LEQMELSILK GDYSQATVLS RKILKKTFFKN PKYESLKLEY YNLLVKISLH KREYLEVAQY LQEIQYQTAI KSDEAKWKPV LSHIVYFLVL SPYGNLQNDL IHKIQNDNNL KKLESQESLV KLFTTNELMR WPIVQKTYEP VLNEDDLAFG GEANKHHWED LQKRVIENL RVISEYYSRI TLLRLNELLD LTESQTETYI SDLVNQGIY AKVNRPAKIV NFEKPKNSSQ LLNEWSHNVD ELLEHIETIG HLITKEEIMH GLQAK
Specificity:	Saccharomyces cerevisiae (strain ATCC 204508 / S288c) (Bakers yeast)
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: PSMD12

Alternative Name: 26S proteasome regulatory subunit RPN5 (RPN5) ([PSMD12 Products](#))

Background: Recommended name: 26S proteasome regulatory subunit RPN5.
Alternative name(s): Proteasome non-ATPase subunit 5

UniProt: [Q12250](#)

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

Storage: -20 °C

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