Datasheet for ABIN7479174

PSME2 Protein (AA 2-239, full length) (GST tag)

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1 Image

Overview

Quantity:	100 µg
Target:	PSME2
Protein Characteristics:	AA 2-239, full length
Reactivity:	Please inquire
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This PSME2 protein is labelled with GST tag.
Application:	ELISA

Product Details

Sequence:	AKPCGVRLSG EARKQVEVFR QNLFQEAEEF LYRFLPQKII YLNQLLQEDS LNVADLTSLR APLDIPIPDP PPKDDEMETD KQEKKEVHKC GFLPGNEKVL SLLALVKPEV WTLKEKCILV ITWIQHLIPK IEDGNDFGVA IQEKVLERVN AVKTKVEAFQ TTISKYFSER GDAVAKASKE THVMDYRALV HERDEAAYGE LRAMVLDLRA FYAELYHIIS SNLEKIVNPK GEEKPSMY
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	95 %

Target Details

Target:	PSME2
Alternative Name:	Proteasome activator complex subunit 2 protein (PSME2 Products)

Target Details

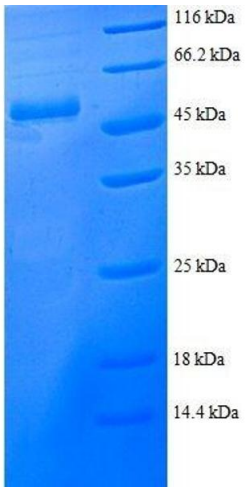
Background:	Implicated in immunoproteasome assembly and required for efficient antigen processing. The PA28 activator complex enhances the generation of class I binding peptides by altering the cleavage pattern of the proteasome.
Molecular Weight:	54.7 kD
UniProt:	Q9UL46
Pathways:	Mitotic G1-G1/S Phases, DNA Replication, Positive Regulation of Endopeptidase Activity, Synthesis of DNA

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 modificated 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



SDS-PAGE

Image 1. Proteasome (Prosome, Macropain) Activator Subunit 2 (PA28 Beta) (PSME2) (AA 2-239), (full length) protein (GST tag)

