Datasheet for ABIN1656201

PSMB3 Protein (AA 1-205) (His tag)

Go to Product page

Overview

Quantity:	1 mg
Target:	PSMB3
Protein Characteristics:	AA 1-205
Origin:	Rainbow Trout
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This PSMB3 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MSIMSYNGGA VMAMKGKQCV AIAADRRFGV QAQMVTTDFQ KIFPMGDRLY IGLAGLATDV QTVSQRLKFR LNLYELKEGR QIKPKTFMSM VSNLLYERRF GPYYIEPVIA GLDPKTFEPF ICSLDLIGCP MVTEDFVVSG TCSEQMYGMC ESLWEPDMEP EDLFETISQA MLNAVDRDAV SGMGVVVQVI EKDKITTRTL KARMD
Specificity:	Oncorhynchus mykiss (Rainbow trout) (Salmo gairdneri)
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:	> 90 %

Target Details

Target:	PSMB3

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Target Details

Alternative Name:	Proteasome subunit beta type-3 (psmb3) (PSMB3 Products)
Background:	Recommended name: Proteasome subunit beta type-3. EC= 3.4.25.1. Alternative name(s): Proteasome chain 13 Proteasome component C10-II Proteasome theta chain
UniProt:	O73817
Pathways:	Mitotic G1-G1/S Phases, DNA Replication, Synthesis of DNA, Cell RedoxHomeostasis, Lipid Metabolism

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.