

Recombinant Human PSMB4 protein ab115721

1 Image

Description

Product name	Recombinant Human PSMB4 protein
Purity	> 90 % SDS-PAGE. ab115721 was purified using conventional chromatography techniques.
Expression system	Escherichia coli
Accession	<u>P28070</u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MGSSHHHHHHSSGLVPRGSHMT QNPMTGTSTVLGVKF EGGVVIAADMLGS YGSLARFRNISRIMRVNNTMLGASGDYADFQYLKQVLGQ MVIDEELLGD GHSYSPRAIHSWLTRAMYSRRSKMNPLWNTMVIIGGYADG ESFLGYVDMLG VAYEAPSLATGYGAYLAQPLLREVLEKQPVLSQTEARDLV ERCMRVLYYR DARSYNRFQIATVTEKGVEIEGPLSTETNWDIAHMISGFE
Predicted molecular weight	27 kDa including tags
Amino acids	46 to 264
Tags	His tag N-Terminus

Specifications

Our <u>Abpromise guarantee</u> covers the use of ab115721 in the following tested applications.	
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.	
Applications	Mass Spectrometry SDS-PAGE
Mass spectrometry	MALDI-TOF
Form	Liquid
Additional notes	This product was previously labelled as Proteasome subunit beta type 4

Preparation and Storage

Stability and Storage

Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

pH: 8.00

Constituents: 0.02% DTT, 0.32% Tris HCl, 30% Glycerol (glycerin, glycerine), 0.58% Sodium chloride

General Info

Function

The proteasome is a multicatalytic proteinase complex which is characterized by its ability to cleave peptides with Arg, Phe, Tyr, Leu, and Glu adjacent to the leaving group at neutral or slightly basic pH. The proteasome has an ATP-dependent proteolytic activity. Mediates the lipopolysaccharide-induced signal macrophage proteasome (By similarity).

SMAD1/OAZ1/PSMB4 complex mediates the degradation of the CREBBP/EP300 repressor SNIP1.

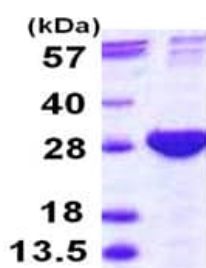
Sequence similarities

Belongs to the peptidase T1B family.

Cellular localization

Cytoplasm. Nucleus.

Images



15% SDS-PAGE showing ab115721 at approximately 26.6kDa (3μg).

SDS-PAGE - Recombinant Human PSMB4 protein
(ab115721)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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