

Product datasheet

Recombinant Human Proteasome 20S beta 7/PSMB7 protein ab123208

1 Image

Description

Product name	Recombinant Human Proteasome 20S beta 7/PSMB7 protein
Purity	> 80 % SDS-PAGE. ab123208 is purified by using conventional chromatography. Purity is > 80% by SDS-PAGE.
Expression system	Escherichia coli
Accession	<u>Q99436</u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MGSSHHHHHH SSGLVPRGSH MTTIAGVVYK DGMVLGADTR ATEGMVVADK NCSKIHFI SP NIYCCGAGTA ADTDMTTQLI SSNLELHLSL TGRLPRVVTA NRMLKQMLFR YQGYGAALV LGGVDVTGPH LYSYPHGST DKLPYVTMGS GSLAAMAVFE DKFRPDMEEE EAKNLVSEAI AAGIFNDLGS GSNIDLCVIS KNKLDFLRPY TVPNKKGTRL GRYRCEKGT AVLTEKITPL EIEVLEETVQ TMDTS
Predicted molecular weight	28 kDa including tags
Amino acids	44 to 277
Tags	His tag N-Terminus

Specifications

Our **Abpromise guarantee** covers the use of **ab123208** 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 20S beta 7

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, 20% Glycerol (glycerin, glycerine)

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. This unit is responsible of the trypsin-like activity.

Tissue specificity

Expressed at a low level in colonic mucosa. Up-regulated in colorectal cancer tissues.

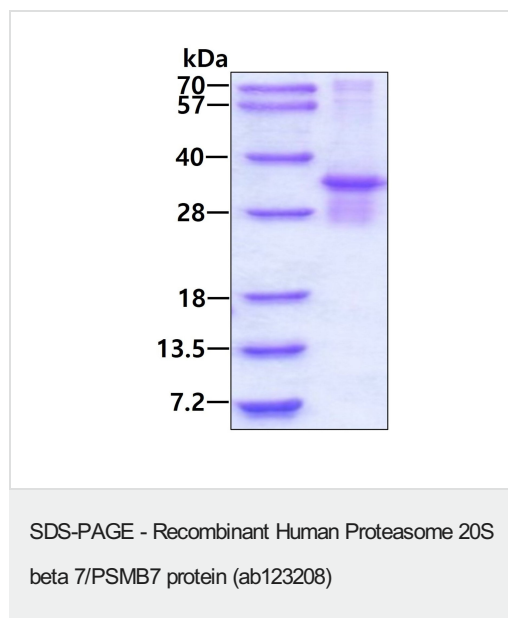
Sequence similarities

Belongs to the peptidase T1B family.

Cellular localization

Cytoplasm. Nucleus.

Images



SDS-PAGE analysis of ab123208 (3 µg).

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

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