

Product datasheet

Recombinant Human PSMA3 protein ab115712

1 Image

Description

Product name	Recombinant Human PSMA3 protein
Purity	> 95 % SDS-PAGE. ab115712 was purified using conventional chromatography techniques.
Expression system	Escherichia coli
Accession	<u>P25788</u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MGSSHHHHHHSSGLVPRGSHMSSIGTGYDLSASTFSPDG RVFQVEYAMKA VENSSTAIGIRCKDGVVFGVEKLVLSKLYEEGSNKRLFNV DRHVGMAVAG LLADARSLADIAREEASNFRSNFGYNIPLKHLADRVAMYVH AYTLYSVR PFGCSFMLGSYSVNDGAQLYMIDPSGVSYGYWGCAIGKA RQAAKTEIEKL QMKEMTCRDVKEVAKIIMVHDEVKDKAFELELSWVGELT NGRHEMPK DIREEAKEYAKESLKEEDESDDDNM
Predicted molecular weight	31 kDa including tags
Amino acids	1 to 255
Tags	His tag N-Terminus

Specifications

Our **Abpromise guarantee** covers the use of **ab115712** 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 alpha 3

Preparation and Storage

Stability and Storage

Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

pH: 8.00

Constituents: 0.02% DTT, 0.32% Tris HCl, 10% Glycerol (glycerin, glycerine), 0.88% 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. Binds to the C-terminus of CDKN1A and thereby mediates its degradation. Negatively regulates the membrane trafficking of the cell-surface thromboxane A2 receptor (TBXA2R) isoform 2.

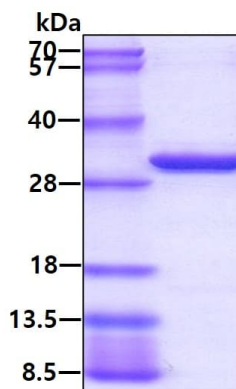
Sequence similarities

Belongs to the peptidase T1A family.

Cellular localization

Cytoplasm. Nucleus.

Images



SDS-PAGE analysis of ab115712 (3 µg) under reducing conditions and visualized by coomassie blue stain.

SDS-PAGE - Recombinant Human PSMA3 protein
(ab115712)

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

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