

Product datasheet

Recombinant Human Proteasome subunit alpha type 6 protein ab117226

[1 Image](#)

Description

Product name	Recombinant Human Proteasome subunit alpha type 6 protein	
Purity	> 90 % SDS-PAGE. ab117226 is purified using conventional chromatography techniques.	
Expression system	Escherichia coli	
Accession	P60900	
Protein length	Full length protein	
Animal free	No	
Nature	Recombinant	
Species	Human	
Sequence	MGSSHHHHHHSSGLVPRGSHMGSHMSRGSSAGFDRHITI FSPEGRLYQVE YAFKAINQGGLTSVAVRGKDCAVMTQKKVPDKLLDSSTV THLFKITENI GCVMTGMTADSRSQVQRARYEAANWKYKYGYEIPVDML CKRIADISQVYT QNAEMRPLGCCMILIGIDEEQGPQVYKCDPAGYYCGFKAT AAGVKQTEST SFLEKKVKKKFDWTFEQTVETAITCLSTVLSIDFKPSEIEV GVVTVENPK FRILTEAEIDAHLVALAERD	
Predicted molecular weight	30 kDa including tags	
Amino acids	1 to 246	
Tags	His tag N-Terminus	

Specifications

Our [Abpromise guarantee](#) covers the use of **ab117226** 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

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, 40% Glycerol (glycerin, glycerine), 0.58% Sodium chloride

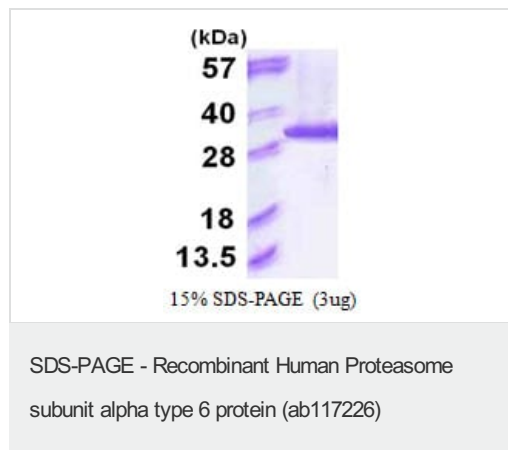
General Info

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.

Sequence similarities Belongs to the peptidase T1A family.

Cellular localization Cytoplasm. Nucleus.

Images



15% SDS-PAGE showing ab117226 at approximately 29.9kDa (3µg).

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

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