

Recombinant Human PSMB5/MB1 protein ab101825

1 图像

描述	
产品名称	重组人PSMB5/MB1蛋白
纯度	> 90 % SDS-PAGE. ab101825 was purified using conventional chromatography techniques.
表达系统	Escherichia coli
Accession	<b>P28074</b>
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Human
序列	<b>MRGSHHHHHHGMASMTGGQQMGRDLYDDDDKDRWGSMT TTLAFKFRHGV VAADSRATAGAYIASQTVKKVIEINPYLLGTMAGGAADCSFW ERLLARQC RIYELRNKERISVAAASKLLANMVYQYKGMGLSMGTMICGWD KRGPLY VDSEGNRISGATFSVGSGSVYAYGVMDRGYSYDLEVEQAYDL ARRAIYQA TYRDAYSGGAVNLYHVREDGWIRVSSDNVADLHEKYSGSTP</b>
预测分子量	27 kDa including tags
氨基酸	60 to 263
标签	His tag N-Terminus

技术指标	
Our <b>Abpromise guarantee</b> covers the use of <b>ab101825</b> in the following tested applications.	
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.	
应用	SDS-PAGE Mass Spectrometry
质谱法	MALDI-TOF
形式	Liquid
补充说明	Previously labelled as PSMB5.

## 制备和贮存

### 稳定性和存储

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: 8.50

Constituents: 0.015% DTT, 0.316% Tris HCl, 50% Glycerol (glycerin, glycerine), 0.876% Sodium chloride

## 常规信息

### 功能

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 chymotrypsin-like activity of the proteasome and is one of the principal target of the proteasome inhibitor bortezomib. May catalyze basal processing of intracellular antigens. Plays a role in the protection against oxidative damage through the Nrf2-ARE pathway.

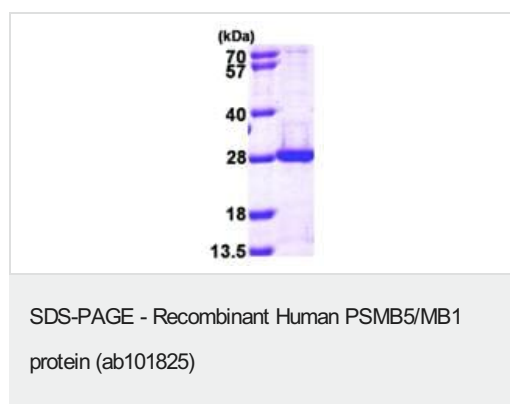
### 序列相似性

Belongs to the peptidase T1B family.

### 细胞定位

Cytoplasm. Nucleus.

## 图片



15% SDS-PAGE analysis of ab101825 (3µg)

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

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