

# Recombinant Human Legumain protein ab151680

### 描述

产品名称	重组人Legumain蛋白	
纯度	> 95 % SDS-PAGE. ab151680 is more than 95% pure, as determined by SEC-HPLC and reducing SDS-PAGE.	
内毒素水平	< 1.000 Eu/μg	
表达系统	HEK 293 cells	
Accession	<u><a href="#">Q99538</a></u>	
蛋白长度	Full length protein	
无动物成分	No	
性质	Recombinant	
种属	Human	
序列	<p>PIDDPEDGGKHWVIVAGSNGWYNYRHQADACHAYQIIHRNG            IPDEQIVV            MMYDDIAYSEDNPTPGIVINRPNGTDVYQGVPKDYTGEDVTP            QNFLAVLR            GDAEAVKIGSGKVLKSGPQDHVFIYFTDHGSTGILVFPNED            LHVKDLNE            TIHYMYKHKMYRKMVFYIEACESGSMNHLPDNINVYATTAA            NPRESSYA            CYYDEKRSTYLGDWYSVNW MEDSDVEDLTKETLHKQYHLVKS            HTNTSHVM            QYGNKTISTMKVMQFQGMKRKASSPVPLPPVTHLDLTPSPDV            PLTIMKRK            LMNTNDLEESRQLTEEIQRHLDARHLIEKSVRKIVSLLAASE            AEVEQLLS            ERAPLTGHSCYPEALLHFRTHCFNWSPTYEYALRHLYVLVN            LCEKPYPL HRIKLSMDHVCLGHYVDHHHHHH</p>	
预测分子量	49 kDa including tags	
氨基酸	18 to 433	
标签	His tag C-Terminus	

### 技术指标

Our **Abpromise guarantee** covers the use of **ab151680** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

<b>应用</b>	SDS-PAGE
	HPLC
<b>形式</b>	Liquid

#### 制备和贮存

---

<b>稳定性和存储</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. pH: 8.00 Constituents: 0.32% Tris HCl, 10% Glycerol (glycerin, glycerine), 0.88% Sodium chloride
---------------	--

#### 常规信息

---

<b>功能</b>	Has a strict specificity for hydrolysis of asparaginyl bonds. Can also cleave aspartyl bonds slowly, especially under acidic conditions. May be involved in the processing of proteins for MHC class II antigen presentation in the lysosomal/endosomal system.
<b>组织特异性</b>	Ubiquitous. Particularly abundant in kidney, heart and placenta.
<b>序列相似性</b>	Belongs to the peptidase C13 family.
<b>翻译后修饰</b>	Glycosylated.
<b>细胞定位</b>	Lysosome.

---

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

#### Our Abpromise to you: Quality guaranteed and expert technical support

---

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.cn/abpromise> or contact our technical team.

#### Terms and conditions

---

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors