

# Recombinant human Caspase-6/CASP-6 protein ab52157

### 3 References

#### 描述

产品名称	重组人Caspase-6/CASP-6蛋白
生物活性	SPECIFIC ACTIVITY: 13,000 units/mg
纯度	> 95 % SDS-PAGE.
表达系统	Escherichia coli
Accession	<b><u>P55212-1</u></b>
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Human
序列	MSSASGLRRGHPAGGEENMTETDAFYKREMFDPAEKYKMDHR RRGIALIF NHERFFWHLTLPERRGTCADRDLNLTTRFSDLGFEVKCFNDLK AEELLLKI HEVSTVSHADADCFVCFVLSHGEGNHIYAYDAKIEIQTLTGL FKGDKCHS LVGKPKIFIIQACRGNQHDVPIPLDVVDNQTEKLDTNITEV DAASVYTL PAGADFLMCYSVAEGYYSHRETVNGSWYIQDLCEMLGKYGSS LEFTELLT LVNRKVSQRRVDFCKDPSAIGKKQVPCFASMLTKKLHFFPKS N

#### 技术指标

Our **Abpromise guarantee** covers the use of **ab52157** in the following tested applications.

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

应用	Functional Studies SDS-PAGE
形式	Lyophilized
补充说明	This product is manufactured by BioVision, an Abcam company and was previously called 1086 Caspase-6, human recombinant. 1086-100 is the same size as the 100 unit size of ab52157.

UNIT DEFINITION: One unit of the recombinant Caspase-6 / CASP-6 is the enzyme activity that cleaves 1 nmol of the caspase substrate VEID-pNA (pNA: pnitroanaline) per hour at 37°C in a reaction solution containing 50 mM Hepes, pH 7.2, 50 mM NaCl, 0.1% Chaps, 10 mM EDTA, 5% Glycerol, and 10 mM DTT.

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## 制备和贮存

### 稳定性和存储

Shipped at 4°C. Upon delivery aliquot. Store at -80°C. Avoid freeze / thaw cycle.

Constituents: PBS, 15% Glycerol (glycerin, glycerine)

This product is an active protein and may elicit a biological response in vivo, handle with caution.

### 复溶

Reconstitute to 1 unit per  $\mu$ l in PBS containing 15% glycerol. Following reconstitution in PBS, the enzyme should be aliquoted and immediately stored at -80°C.

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## 常规信息

### 功能

Involved in the activation cascade of caspases responsible for apoptosis execution. Cleaves poly(ADP-ribose) polymerase in vitro, as well as lamins. Overexpression promotes programmed cell death.

### 序列相似性

Belongs to the peptidase C14A family.

### 翻译后修饰

Cleavages by caspase-3, caspase-8 or -10 generate the two active subunits.

### 细胞定位

Cytoplasm.

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

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