

## Product datasheet

# Recombinant human Caspase-6 protein ab52157

## 2 References

### 製品の概要

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製品名	Recombinant human Caspase-6 protein
タンパク質長	Full length protein

### 製品の詳細

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由来	Recombinant
由来	Escherichia coli

### アミノ酸配列

アクセッション番号	<a href="#">P55212</a>
生物種	Human

### 特性

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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.

生理活性	SPECIFIC ACTIVITY: 13,000 units/mg
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アプリケーション	Functional Studies SDS-PAGE
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精製度	> 95 % SDS-PAGE.
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製品の状態	Lyophilised
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備考	UNIT DEFINITION: One unit of the recombinant Caspase-6 is the enzyme activity that cleaves 1 nmol of the caspase substrate VEID-pNA (pNA: p-nitroaniline) 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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### 前処理および保存

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保存方法および安定性	Shipped at 4°C. Upon delivery aliquot. Store at -80°C. Avoid freeze / thaw cycle. Constituents: PBS, 15% Glycerol
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This product is an active protein and may elicit a biological response in vivo, handle with caution.

**再構成** Reconstitute to 1 unit per  $\mu\text{l}$  in PBS containing 15% glycerol. Following reconstitution in PBS, the enzyme should be aliquoted and immediately stored at  $-80^{\circ}\text{C}$ .

## 関連情報

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**機能** 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.

**配列類似性** Belongs to the peptidase C14A family.

**翻訳後修飾** Cleavages by caspase-3, caspase-8 or -10 generate the two active subunits.

**細胞内局在** Cytoplasm.

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**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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