

Recombinant human Caspase-4 protein (Active) ab51994

3 References

製品の詳細

製品名	Recombinant human Caspase-4 protein (Active)
生理活性	One unit of the recombinant caspase-4 is the enzyme activity that cleaves 1 nmol of the caspase substrate WEHD-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.
精製度	> 95 % SDS-PAGE.
発現系	Escherichia coli
アクセッション番号	<u>P49662</u>
タンパク質長	Protein fragment
Animal free	No
由来	Recombinant
生物種	Human
タグ	His tag N-Terminus

特性

Our **Abpromise guarantee** covers the use of **ab51994** in the following tested applications.

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

アプリケーション	Functional Studies
製品の状態	Lyophilized
備考	<p>This product is manufactured by BioVision, an Abcam company and was previously called 1084 Caspase-4, human recombinant. 1084-100 is the same size as the 100 unit size of ab51994.</p> <p>This protein is a heterotetramer consisting of two large and two small subunits. Active Caspase 4 is useful in studying enzyme regulation, determining target substrates, screening caspase inhibitors, or as a positive control in caspase activity assays.</p> <p>5000 units/mg.</p>

前処理および保存

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

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 μ l in PBS containing 15% glycerol. Aliquot and store immediately at -80°C.

関連情報

機能

Involved in the activation cascade of caspases responsible for apoptosis execution. Cleaves caspase-1.

組織特異性

Widely expressed, with highest levels in spleen and lung. Moderate expression in heart and liver, low expression in skeletal muscle, kidney and testis. Not found in the brain.

配列類似性

Belongs to the peptidase C14A family.
Contains 1 CARD domain.

翻訳後修飾

The two subunits are derived from the precursor sequence by an autocatalytic mechanism or by cleavage by Caspase-8.

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

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