

Recombinant human Caspase-4 protein (Active) ab51994

3 References

描述

产品名称	重组人Caspase-4蛋白(Active)
生物活性	One unit of the recombinant caspase-4 is the enzyme activity that cleaves 1 nmol of the caspase substrate WEHD-pNA (pNA: pnitroaniline) 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.
纯度	> 95 % SDS-PAGE.
表达系统	Escherichia coli
Accession	<u>P49662</u>
蛋白长度	Protein fragment
无动物成分	No
性质	Recombinant
种属	Human
标签	His tag N-Terminus

技术指标

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.

应用	Functional Studies
形式	Lyophilized
补充说明	<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>

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.
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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.

复溶

Reconstitute to 1 unit per μl in PBS containing 15% glycerol. Aliquot and store immediately at -80°C .

常规信息

功能	Involved in the activation cascade of caspases responsible for apoptosis execution. Cleaves caspase-1.
组织特异性	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.
序列相似性	Belongs to the peptidase C14A family. Contains 1 CARD domain.
翻译后修饰	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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