

Recombinant mouse Granzyme B protein ab50114

描述	
产品名称	重组小鼠Granzyme B蛋白
生物活性	Determined by its ability to cleave a synthetic chromogenic Granzyme B substrate. The expected specific activity, when using the Ac-IEPD-pNA substrate at 25°C, is greater than 750 nM/min per µg of enzyme.
纯度	> 95 % SDS-PAGE. Greater than 98% by SDS-PAGE and HPLC analyses.
表达系统	Baculovirus infected BTI-TN-5B1-4 cells
Accession	<u>P04187</u>
蛋白长度	Protein fragment
无动物成分	No
性质	Recombinant
种属	Mouse
序列	IIGGHEVKPH SRPYMALLSI KDQQPEAICG GFLIREDFVL TAAHCEGSII NVTLGAHNIK EQEKTQQVIP MVKCIPHPDY NPKTFSNDIM LLKLKSKAKR TRAVRPLNLP RRNVNVKPGD VCYVAGWGRM APMGYSNTL QEVELTVQKD RECESYFKNR YNKTNQICAG DPKTKRASFR GDSGGPLVCK KVAAGIVSYG YKDGSPPRAF TKVSSFLSWI KKTMKSS

技术指标	
Our <u>Abpromise guarantee</u> covers the use of ab50114 in the following tested applications.	
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.	
应用	SDS-PAGE Functional Studies
形式	Lyophilized
制备和贮存	

稳定性和存储	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
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复溶

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

Centrifuge the vial prior to opening. Reconstitute in water to a concentration of 0.1-1.0 mg/ml. This solution can then be diluted into other aqueous buffers and stored at 4oC for 1 week or -20oC for future use.

常规信息

功能

This enzyme is necessary for target cell lysis in cell-mediated immune responses. It cleaves after Asp. Seems to be linked to an activation cascade of caspases (aspartate-specific cysteine proteases) responsible for apoptosis execution. Cleaves caspase-3, -7, -9 and 10 to give rise to active enzymes mediating apoptosis.

序列相似性

Belongs to the peptidase S1 family. Granzyme subfamily.
Contains 1 peptidase S1 domain.

细胞定位

Cytoplasmic granule. Cytoplasmic granules of cytolytic T-lymphocytes and natural killer cells.

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

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