

Recombinant Human Granzyme B protein ab158621

1 Image

Description	
Product name	Recombinant Human Granzyme B protein
Expression system	Wheat germ
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MQPILLLLAFLLLPRADAGEIIGGHEAKPHSRPYMAYLMWID QKSLKRCG GFLIQDDFVLTAAHCWGSSINVTLGAHNIKEQEPTQQFIPV KRPIHPAY NPKNFSNDIMLLQLERKAKRTRAVQPLRLPSNKAQVKPG QTCSVAGWGQT APLGKHSHTLQEVKMTVQEDRKCESDLRHYYDSTIELCVG DPEIKKTSFK GDSGGPLVCNKVAQGIVSYGRNNGMPRACTKVSSFVH WIKKTMKRH
Amino acids	1 to 247
Tags	GST tag N-Terminus

Specifications	
Our <b>Abpromise guarantee</b> covers the use of <b>ab158621</b> in the following tested applications.	
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.	
Applications	Western blot ELISA
Form	Liquid
Additional notes	

Preparation and Storage

## Stability and Storage

Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.

pH: 8.00

Constituents: 0.31% Glutathione, 0.79% Tris HCl

## General Info

### Function

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.

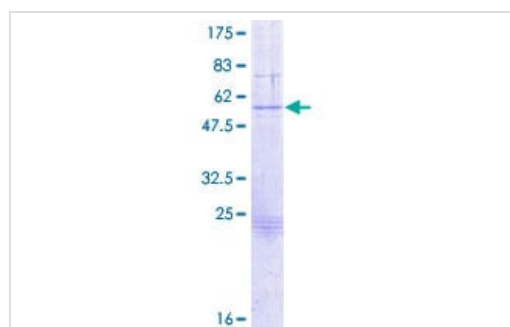
### Sequence similarities

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

### Cellular localization

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

## Images



SDS-PAGE - Recombinant Human Granzyme B protein (ab158621)

ab158621 on a 12.5% SDS-PAGE stained with Coomassie Blue.

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

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- Response to your inquiry within 24 hours
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