

Recombinant human Granzyme K protein ab157277

Description

Product name	Recombinant human Granzyme K protein
Biological activity	Specific Activity: ~29U/μg protein. One unit is defined as the amount of enzyme that hydrolyzes 1nmol Z-Lys-SBzl per min. at 25°C in 0.05M TRIS, pH 8.0, containing 0.15M NaCl, 0.01% Triton X-100 and 0.3mM DTNB.
Purity	> 98 % SDS-PAGE.
Expression system	Escherichia coli
Accession	<u>P49863</u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	IIGGKEVSPHSRPFMASIQYGGHHVCGGVLIDPQWVLTAA HCQYRFTKGQ SPTVVLG AHSLSKNEASKQTLEIKKFIPFSRVTS DPQSNDI MLVKLQTAA KLNKHVKMLHIRSKTSLRSGTKCKVTGWGATDPDSL RPS DTLREVT TVL SRKLCNSQSYNGDPFITKDMVCAGDAKGQKDSCKGDS GGPLICKGVFHA VSSGGHECGVATKPGIYLLTKKYQ TWIKSNLVP PHTN
Predicted molecular weight	26 kDa
Amino acids	27 to 264

Specifications

Our **Abpromise guarantee** covers the use of **ab157277** in the following tested applications.

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

Applications	Functional Studies SDS-PAGE
Form	Liquid
Additional notes	Dilute solutions (e. g. 1-1000ng/ml) should be used within 24 hours.

Preparation and Storage

Stability and Storage

Shipped at 4°C. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.

Constituents: 87% PBS, 10% Sucrose, 2.9% Sodium chloride

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

General Info

Tissue specificity

Expressed in lung, spleen, thymus and peripheral blood leukocytes.

Sequence similarities

Belongs to the peptidase S1 family. Granzyme subfamily.

Contains 1 peptidase S1 domain.

Cellular localization

Secreted. Cytoplasmic granule.

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

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours

- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

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- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors