

Product datasheet

Recombinant Mouse Granzyme A protein (His tag) ab226310

[1 Image](#)

Description

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| Product name | Recombinant Mouse Granzyme A protein (His tag) | |
| Purity | > 90 % SDS-PAGE. | |
| Expression system | Escherichia coli | |
| Accession | <u>P11032</u> | |
| Protein length | Full length protein | |
| Animal free | No | |
| Nature | Recombinant | |
| Species | Mouse | |
| Sequence | IGGDTVVPHSRPMALLKLSSNTICAGALIEKNWVLTAAHC NVGKRSKF ILGAHSINKEPEQQILTVKKAFFPYPCYDEYTREGDLQLVRLK KKATVNRN VAILHLPKKGDDVKPGTRCRVAGWGRFGNKSPSETLRE VNITVIDRKIC NDEKHYNFHPVIGLNMICAGDLRGGKDSCNGDSGSPLLC DGILRGITSFG GEKCGDRRWPGVYTFLSDKHLNWIKKIMKGSV | |
| Predicted molecular weight | 40 kDa including tags | |
| Amino acids | 29 to 260 | |
| Tags | His tag N-Terminus | |
| Additional sequence information | This product is the mature full length protein from aa 29 to 260 with a 6xHis-B2M tag at the N-terminus. The signal peptide and propeptide are not included. | |

Specifications

Our **Abpromise guarantee** covers the use of **ab226310** in the following tested applications.

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

Applications SDS-PAGE

Form Liquid

Preparation and Storage

Stability and Storage

Shipped at 4°C. Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

pH: 7.2

Constituents: 50% Glycerol (glycerin, glycerine), Tris buffer

General Info

Function

This enzyme is necessary for target cell lysis in cell-mediated immune responses. It cleaves after Lys or Arg. Cleaves APEX1 after 'Lys-31' and destroys its oxidative repair activity. Involved in apoptosis.

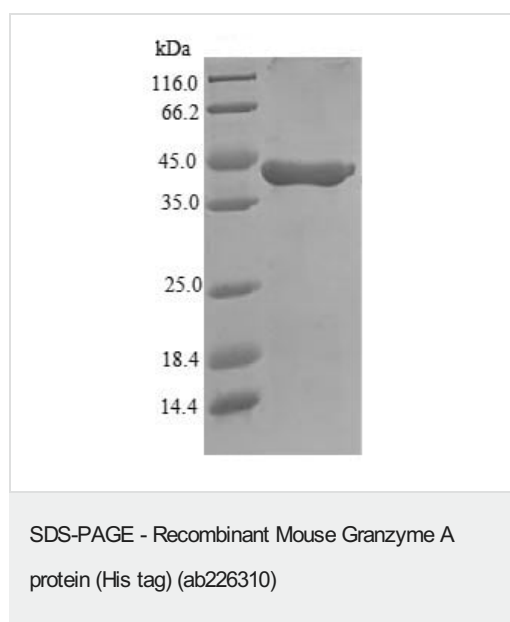
Sequence similarities

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

Cellular localization

Secreted. Cytoplasmic granule.

Images



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) analysis of ab226310 with 5% enrichment gel and 15% separation gel.

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

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