

Product datasheet

Recombinant Mouse Granzyme A protein (His tag)
ab226310

1 Image

Description

Product name	Recombinant Mouse Granzyme A protein (His tag)	
Purity	> 90 % SDS-PAGE.	
Expression system	Escherichia coli	
Accession	P11032	
Protein length	Full length protein	
Animal free	No	
Nature	Recombinant	
Species	Mouse	
Sequence	IGGDTVVPHSRPMALLKLSSNTICAGALIEKNWVLTAHC NVGKRSKF ILGAHSINKEPEQQILTVKKAFFPYPCYDEYTREGDLQLVRLK KKATVNRN VAILHLPKKGDDVKPGTRCRVAGWGRFGNKSAPSETLRE VNITVIDRKIC NDEKHYNFHPVIGLNMICAGDLRGGKDSCNGDMSGSPLLC 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.

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.

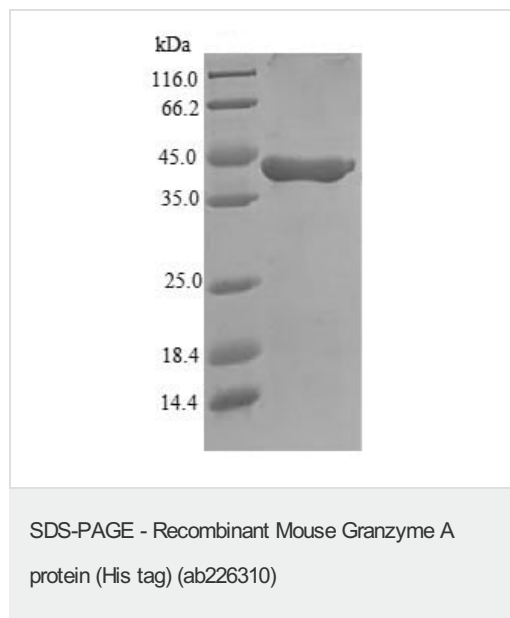
Sequence similarities

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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