

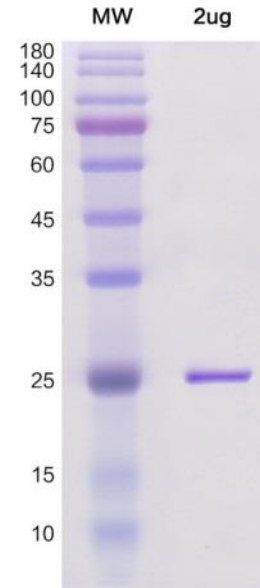
Granzyme A, Recombinant Human

CATALOG #:	4279-100	100 µg
ALTERNATE NAMES:	CTL tryptase, Cytotoxic T-lymphocyte proteinase 1, Fragmentin-1, Granzyme-1, Hanukkah factor, H factor, HF	
SOURCE:	HEK 293 cells	
PURITY:	> 90% as determined by SDS-PAGE	
MOL. WEIGHT:	26 kDa	
FORMULATION:	Recombinant Granzyme A is lyophilized from PBS	
ENDOTOXIN CONTENT:	< 1.0 EU/µg of protein as determined by LAL method	
SEQUENCE:	Recombinant Human Granzyme A is expressed from HEK 293 cells. Target protein is expressed with sequence (Glu27-Val262) of Human granzyme A (Uniprot #P12544) fused with a C-terminal His tag.	
RECONSTITUTION:	Reconstitute in sterile deionized water for a stock solution.	
STORAGE CONDITIONS:	Aliquot and store at -20 °C or -80 °C. Avoid repeated freeze thaw cycles.	

FOR RESEARCH USE ONLY! Not to be used on humans.

DESCRIPTION:

Granzyme A is a member of the granzyme family. Granzyme A is the most abundant serine protease in cytotoxic T lymphocytes (CTL) and natural killer (NK) cells. Granzyme A has a specific function in CTL and NK cells. It induces caspase-independent cell death when introduced into target cells by perforin. Human granzyme A is synthesized as a precursor (262 residues) with a signal peptide (residues 1-26), a propeptide (residues 27-28) and a mature chain (residues 29-262).



2 µg of Granzyme A, Human Recombinant, was loaded on SDS-PAGE under reducing conditions and visualized by Coomassie blue stain.

RELATED PRODUCTS:

- Granzyme B, Human Recombinant (**Cat. No. 1185-5**)
- Granzyme B Antibody (**Cat. No. 3073R-100**)
- Granzyme B Blocking Peptide (**Cat. No. 3073RBP-100**)
- Granzyme B Inhibitor Ac-IEPD-CHO (**Cat. No. 1119-1**)
- Granzyme B Inhibitor Z-AAD-CH₂Cl (**Cat. No. 1128-20C**)
- Granzyme B M Antibody (Clone B18.1) (**Cat. No. 3073-100**)