

Granzyme A (GZMA) Protein | GZMA protein

Eukaryotic Granzyme A (GZMA)

CATALOG # AAA147110	HOST Yeast	APPLICATIONS Western Blot, SDS-Page
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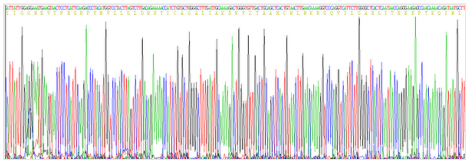
PRODUCT SYNONYMS

Granzyme A (GZMA); Eukaryotic Granzyme A (GZMA); CTLA3; HFSP; HF; H factor; Granzyme 1; Fragmentin-1; Hanukkah factor; Cytotoxic T-Lymphocyte-Associated Serine Esterase 3; CTL tryptase; Cytotoxic T-lymphocyte proteinase 1; GZMA protein

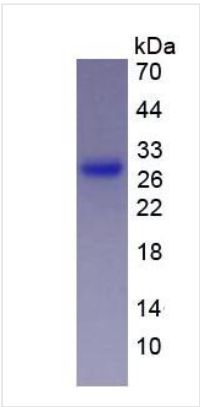
PRODUCT SPECIFICATIONS

Host	Yeast
Purity/Purification	> 95%
Form/Format	Freeze-dried powder
Sequence Length	262
Applicable Applications for GZMA protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Fragment	Ile29~Val262
Tag	N-terminal His Tag
Buffer Formulation	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 5% Trehalose and Proclin300.
Source Note	Eukaryotic expression
Organism Species	Human
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Isoelectric Point	9.2
Subcellular Location	Secreted
Usage	Reconstitute in PBS or others.
Preparation and Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



Application Data



SDS-PAGE

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II  GGNEVTPHSR  PYMVLLSLDR
KTICAGALIA  KDWVLTAAHC  NLNKRQVIL  GAHSITREEP  TKQIMLVKKE
FPYPCYDPAT  REGDLKLLQL  MEKAKINKYV  TILHLPKKG  DVKPGTMCQV
AGWGRTHNSA  SWSDTLREVN  ITIIDRKVCN  DRNHYNFNPV  IGMNMCAGS
LRGGRDSCNG  DSGSPLLCEG  VFRGVTSFGL  ENKCGDPRGP  GVIYLLSKKH
LNWIIMTIKG  AV
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Sequence

ADDITIONAL INFORMATION

Product Categories/Family for GZMA protein	Eukaryotic proteins
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NCBI AND UNIPROT INFORMATION

NCBI GI #	5453676
NCBI GeneID	3001
NCBI Accession #	NP_006135.1
NCBI GenBank Nucleotide #	NM_006144.3
UniProt Accession #	P12544; Q6IB36; A4PHN1
Molecular Weight	28.2kDa; 28kDa
NCBI Official Full Name	granzyme A
NCBI Official Synonym Full Names	granzyme A
NCBI Official Symbol	GZMA
NCBI Official Synonym Symbols	HFSP; CTLA3
NCBI Protein Information	granzyme A
UniProt Protein Name	Granzyme A
UniProt Gene Name	GZMA
UniProt Synonym Gene Names	CTLA3; HFSP; H factor; HF

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.