

Granzyme A (GZMA) Recombinant Protein | GZMA recombinant protein

Recombinant Granzyme A (GZMA)

CATALOG # AAA147153	HOST E Coli	APPLICATIONS Western Blot, SDS-Page
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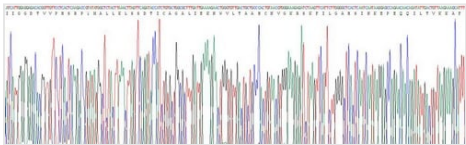
PRODUCT SYNONYMS

Granzyme A (GZMA); Recombinant 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 recombinant protein

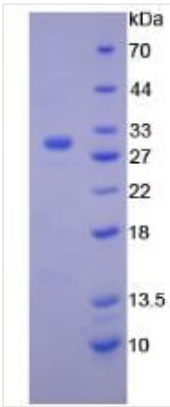
PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	>= 98%
Form/Format	Freeze-dried powder
Sequence Length	260
Applicable Applications for GZMA recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Fragment	Ile29~Val260
Tag	N-terminal His-tag
Buffer Formulation	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Source Note	Prokaryotic expression
Organism Species	Mouse
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Isoelectric Point	9.4
Subcellular Location	Secreted; Cytoplasmic granu
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 GGDVVPHSR PYMALLKLS
NTICAGALIE KNMVLTAHC NVGKRSKFIL GAHSINKEPE QQILT VKKAF
PYPCYDEYTR EGDQLVRLK KKATVNRNVA ILHLPKKGDD VKPGTRCRVA
GWGRFGNKA PSETLREVNI TVIDRKICND EKHYNFHPVI GLNMICAGDL
RGGKDSNGD SGSPLLCDGI LRGITSFGGE KCGDRRWPGV YTFSDKHLN
WIKKIMKGSV
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Sequence

ADDITIONAL INFORMATION

Product Categories/Family for GZMA recombinant protein	Recombinant Protein
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6754102
NCBI GeneID	14938
NCBI Accession #	NP_034500.1
NCBI GenBank Nucleotide #	NM_010370.2
UniProt Accession #	P11032; P15118
Molecular Weight	27.2kDa
NCBI Official Full Name	granzyme A
NCBI Official Synonym Full Names	granzyme A
NCBI Official Symbol	Gzma
NCBI Official Synonym Symbols	Hf; Hf1; SE1; TSP1; Ctla3; TSP-1; Ctla-3; AW494114
NCBI Protein Information	granzyme A
UniProt Protein Name	Granzyme A
UniProt Gene Name	Gzma
UniProt Synonym Gene Names	Ctla-3; Ctla3; Mtsp-1; TSP-1

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.