

Granzyme A (Gzma) Recombinant Protein | Gzma recombinant protein

Recombinant Mouse Granzyme A (Gzma)

CATALOG # AAA113306	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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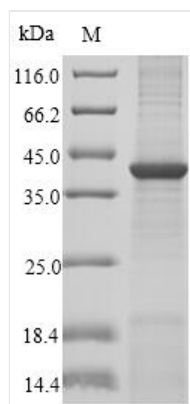
PRODUCT SYNONYMS

Granzyme A (Gzma); Recombinant Mouse Granzyme A (Gzma); Granzyme A; EC=3.4.21.78; Autocrine thymic lymphoma granzyme-like serine protease; CTLA-3; Fragmentin-1; T cell-specific serine protease 1; TSP-1; Gzma recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	29-260aa; Full Length of Mature Protein
Sequence	IIGGDTVVPH SRPYMALLKL SSNTICAGAL IEKNWVLTA HCNVGKRSKF ILGAHSINKE PEQQILTVKK AFPYPCYDEY TREGDLQLVR LKKKATVNRN VAILHLPKKG DDVKPGTRCR VAGWGRFGNK SAPSETLREV NITVIDRKIC NDEKHYNFHP VIGLNMICAG DLRGGKDCSN GDGSGSPLLCD GILRGITSFG GEKCGDRRWP GVYTFLSDKH LNWIKKIMKG SV
Species	Mus musculus (Mouse)
Production Note	Special Offer: The E Coli host-expressed protein is manufactured from a stock plasmid containing the protein gene. E Coli host-expressed protein is stocked in different unit sizes ranging from as small as 10 ug to as large as 1 mg. Bulk inventory is also available. The E Coli host-expressed protein has been ordered over and over again by researchers and has stood the test of time as both a robust protein and important target for the research community. It is part of our new program to make our most popular protein targets and corresponding hosts available in expanded unit sizes and with a quick processing time. Select E Coli host-expressed protein for the fastest delivery among all hosts. Please contact our or email to for more details.
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for Gzma recombinant protein	Abundant protease in the cytosolic granules of cytotoxic T-cells and NK-cells which activates caspase-independent cell death with morphological features of apoptosis when delivered into the target cell through the immunological synapse. It cleaves after Lys or Arg. Cleaves APEX1 after 'Lys-31' and destroys its oxidative repair activity. Cleaves the nucleosome assembly protein SET after 'Lys-189', which disrupts its nucleosome assembly activity and allows the SET complex to translocate into the nucleus to nick and degrade the DNA (By similarity).
Product Categories/Family for Gzma recombinant protein	Cell Biology

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	39.6 kDa
NCBI Official Full Name	granzyme A
NCBI Official Synonym Full Names	granzyme A
NCBI Official Symbol	Gzma
NCBI Official Synonym Symbols	Hf; SE1; TSP1; Ctla3; TSP-1; Ctla-3; AW494114
NCBI Protein Information	granzyme A; H factor; BLT esterase; fragmentin-1; Hanukah factor; serine esterase 1; t cell-specific serine protease 1; autocrine thymic lymphoma granzyme-like serine protease
UniProt Protein Name	Granzyme A
UniProt Gene Name	Gzma
UniProt Synonym Gene Names	Ctla-3; Ctla3; Mtsp-1; TSP-1
UniProt Entry Name	GRAA_MOUSE

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.

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Online datasheet: <https://www.aaabiotech.com/gzma-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/113306>