

Granzyme A Active Protein | GZMA active protein

Granzyme A (human), (recombinant)

CATALOG #
AAA77033

HOST
E Coli

PRODUCT SYNONYMS

Granzyme A; Granzyme A (human); (recombinant); GZMA active protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	≥98% (SDS-PAGE)
Form/Format	Liquid. In 0.05M MES, pH6.0, containing 10% glycerol and ~0.52M sodium chloride Contains no preservatives
Concentration	0.2mg/ml (varies by lot)
Source Note	Active human granzyme A
EC	3.4.21.78
Specific Activity	~110U/ug protein. One unit is defined as the amount of enzyme that hydrolyzes 1nmol Z-Lys-SBzl per min. at 25 degree C in 0.05M TRIS, pH8.0, containing 0.15M NaCl, 0.01% Triton X-100 and 0.3mM DTNB
Dry Ice Note	The product may be shipped with dry ice, and an additional fee may be added to your shipping cost.
Preparation and Storage	Stable for at least 6 months after receipt when stored at -80°C. Do not dilute to more than 0.2mg/ml. Do not store dilute solutions (1-1000ng/ml) for more than 24 hours For maximum product recovery after thawing, centrifuge the vial before opening the cap. Avoid freeze/thaw cycles. After opening, prepare aliquots and store at -80°C Shipping: Shipped on Dry Ice

ADDITIONAL INFORMATION

Product Categories/Family for GZMA active protein	Proteostasis; Proteolysis & Protein Degradation
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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	~52kDa (homodimer)
NCBI Official Full Name	granzyme A
NCBI Official Synonym Full Names	granzyme A (granzyme 1, cytotoxic T-lymphocyte-associated serine esterase 3)
NCBI Official Symbol	GZMA

NCBI Official Synonym Symbols	HFSP; CTLA3
NCBI Protein Information	granzyme A; HF; h factor; CTL tryptase; fragmentin-1; cytotoxic T-lymphocyte proteinase 1; Granzyme A (Cytotoxic T-lymphocyte-associated serine esterase-3; Hanukah factor serine protease)
UniProt Protein Name	Granzyme A
UniProt Gene Name	GZMA
UniProt Synonym Gene Names	CTLA3; HFSP; H factor; HF
UniProt Entry Name	GRAA_HUMAN

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://stage.aaabiotech.com/e-coli-active-protein/granzyme-a/77033>