

Eukaryotic Granzyme A (GZMA) Protein | GZMA protein

Eukaryotic Granzyme A (GZMA)

CATALOG # AAA153176	HOST 293F Cell	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

Eukaryotic Granzyme A (GZMA); Granzyme A; GZMA recombinant protein (eukaryotic; 293F Cell); Human; 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

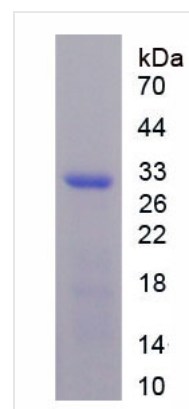
PRODUCT SPECIFICATIONS

Host	293F Cell
Purity/Purification	Greater than 90% by SDS-PAGE
Form/Format	PBS, pH7.4, containing 5% Trehalose. Freeze-dried powder
Sequence Positions	Ile29~Val262
Applicable Applications for GZMA protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Expression System	Eukaryotic expression
Species	Human
Tag	N-terminal His
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Isoelectric Point	9.3
Subcellular Location	Secreted
Research Area	Enzyme & Kinase
Preparation and Storage	Store at 2-8 degree C for one month, -80 degree C for 12 months Stable for 12 months if correctly stored.

IMAGES

TIIGNEVTPHSPPTMVLISLDRKTCAGALIAKDWLTAAKCNLNRKSOVILGASITREPTKQIMLVKKEFPYPCYPAT
RBDLLKLLQMEKAKINKYTIILHPRKGDVRFPTNCQVAGWRTNSASNSGDTLREYNITIIDKVCNDRNRYNPNPTG
NNNYCAGSLRGGRGDSNGDSGPLLCBGVFRGVTSPGLENRKGGPRGPGVTILLSEKHLNWLIMTIRGAV

Amino Acid Info



SDS-PAGE

Figure. SDS-PAGE

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	28,999 Da
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.