

Granzyme-B Active Protein | GZMB active protein

Recombinant Human Granzyme-B, Sf9

CATALOG # AAA38045	HOST Sf9, Baculovirus cells
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PRODUCT SYNONYMS

Granzyme-B; Recombinant Human Granzyme-B; Sf9; Sf9 Human Recombinant; Granzyme B; T-Cell Serine Protease 1-3E; Cathepsin G-Like 1; Granzyme B (Granzyme 2; Cytotoxic T-Lymphocyte-Associated Serine Esterase 1; Cytotoxic T-Lymphocyte Proteinase 2; Cytotoxic Serine Protease B; Human Lymphocyte Protein; Fragmentin 2; EC 3.4.21.79; CTSL1; CTLA1; CSPB; CGL1; SECT; C11; HLP; Lymphocyte Protease; Fragmentin-2; Granzyme 2; Granzyme-2; EC 3.4.21; CTLA-1; CGL-1; CSP-B; CCPI; GRB; GZMB Human; sf9; GZMB active protein

PRODUCT SPECIFICATIONS

Host	Sf9, Baculovirus cells
Purity/Purification	Greater than 95.0% as determined by SDS-PAGE.
Form/Format	GZMB Protein solution (0.5mg/ml) contains Phosphate Buffered Saline (pH 7.4), 20% glycerol and 1mM DTT.
Sequence	GEIIGGHEAK PHSRPY MAYL MIWDQKSLKR CGGFLIRDDF VLTAACWGS SINVTLAGHN IKEQEPTQQF IPVKRPIPHP AYNPKNFSDN IMLQLERKA KRTRAVQPLR LPSNKAQVKP GQTCVAGWG QTAPLGKHS TLQEVKMTVQ EDRKCESDLR HYYDSTIELC VGDPEIKKTS FKGDSSGGLV CNKVAQGIVS YGRNNGMPPR ACTKVSSFVH WIKKTMKRYH HHHHH
Sequence Length	247
Physical Appearance	Sterile filtered colorless solution.
Biological Activity	Specific activity is > 2500 pmol/min/ug, and is defined as the amount of enzyme that cleave 1pmole of Boc-Ala-Ala-Asp-SBzl at 37 degree C. Requires Cathepsin C treatment.
Preparation and Storage	Store at 4 degree C if entire vial will be used within 2-4 weeks. Store, frozen at -20 degree C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for GZMB active protein	Description: GZMB produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 235 amino acids (19-247a.a.) and having a molecular mass of 26.5kDa. GZMB is expressed with an 6 amino acid His tag at C-Terminus and purified by proprietary chromatographic techniques.
Product Categories/Family for GZMB active protein	Enzymes

NCBI AND UNIPROT INFORMATION

NCBI GI #	317373361
NCBI GeneID	3002
UniProt Accession #	P10144; Q8N1D2; Q9UCC1
NCBI Official Full Name	Granzyme B

NCBI Official Synonym Full Names	granzyme B
NCBI Official Symbol	GZMB
NCBI Official Synonym Symbols	C11; HLP; CCPI; CGL1; CSPB; SECT; CGL-1; CSP-B; CTLA1; CTSG1
NCBI Protein Information	granzyme B
UniProt Protein Name	Granzyme B
UniProt Gene Name	GZMB
UniProt Synonym Gene Names	CGL1; CSPB; CTLA1; GRB; CTSG1; Lymphocyte protease; HLP

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/sf9-gzmb-active-protein/granzyme-b/38045>