

Active Recombinant Human GZMB protein, His-tagged

Cat. No. GZMB-3093H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human GZMB protein(P10144)(Ile21-Tyr247) is expressed in Mammalian Cells, fused with a His tag at the C-terminus.
Species	Human
Source	Mammalian Cells
ProteinLength	21-247 aa
Form	Supplied as a 0.2 µm filtered solution of 20 mM PB300 mM NaCl8% SucrosepH7.4.
Bio-activity	Measured by its ability to cleave the fluorogenic peptide substrate,Ac-IETD-pNA. The specific activity is 33.11±14.87 mOD/min/ug, as measured under the described conditions.
Molecular Mass	26.6 KDa
Endotoxin	< 1 EU/g as determined by LAL test.
Purity	Greater than 95% as determined by reducing SDS-PAGE.
Storage	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

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Concentration 0.1-1.0 mg/mL. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name GZMB granzyme B (granzyme 2, cytotoxic T-lymphocyte-associated serine esterase 1) [Homo sapiens]

Official Symbol GZMB

Synonyms GZMB; granzyme B (granzyme 2, cytotoxic T-lymphocyte-associated serine esterase 1); CSPB, CTLA1; granzyme B; cathepsin G like 1; CCPI; CGL 1; CGL1; CSP B; CTSG1; cytotoxic serine protease B; fragmentin 2; HLP; SECT; T cell serine protease 1 3E; C11; CTLA-1; fragmentin-2; cathepsin G-like 1; human lymphocyte protein; T-cell serine protease 1-3E; cytotoxic T-lymphocyte proteinase 2; CSPB; CGL-1; CSP-B; CTLA1;

Gene ID 3002

mRNA Refseq NM_004131

Protein Refseq NP_004122

MIM 123910

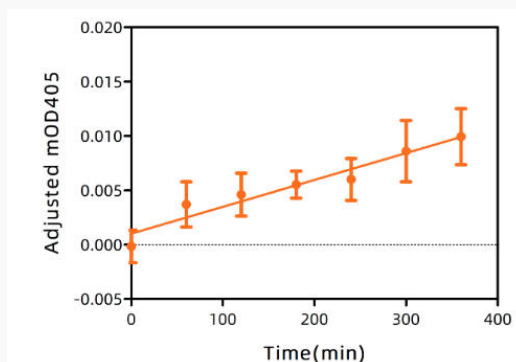
UniProt ID P10144

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Activity



SDS-PAGE

