

Recombinant Human GZMH protein, His-tagged

Cat. No. GZMH-297H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GZMH protein(NP_219491.1)(Met1-Leu246), fused with His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Met1-Leu246
Form	Lyophilized from sterile PBS, pH 7.4Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The secreted recombinant human Granzyme H comprises 239 amino acids with a predicted molecular mass of 26.7 kDa. As a result of glycosylation, rh Granzyme H migrates as an approximately 36 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 90 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name [GZMH granzyme H \(cathepsin G-like 2, protein h-CCPX\) \[Homo sapiens \]](#)

Official Symbol [GZMH](#)

Synonyms

GZMH; granzyme H (cathepsin G-like 2, protein h-CCPX); CTSG2; granzyme H; CCP X; CGL 2; CSP C; CTLA1; cathepsin G-like 2; cytotoxic serine protease C; cytotoxin serine protease-C; cytotoxic T-lymphocyte proteinase; cytotoxic T-lymphocyte-associated serine esterase 1; CCP-X; CGL-2; CSP-C;

Gene ID [2999](#)

mRNA Refseq [NM_033423](#)

Protein Refseq [NP_219491](#)

MIM [116831](#)

UniProt ID [P20718](#)

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