

## Granzyme-H Human Recombinant, sf9

<b>Item Number</b>	rAP-1149
<b>Synonyms</b>	Granzyme H, Granzyme H (Cathepsin G-Like 2, Protein H-CCPX), Cytotoxic T-Lymphocyte Proteinase, Cathepsin G-Like 2, CTSG2, CCP-X, CSP-C, Cytotoxic T-Lymphocyte-Associated Serine Esterase 1, Cathepsin G-Like 2,
<b>Description</b>	GZMH produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 234 amino acids (19-246 a.a.) and having a molecular mass of 26.2kDa (Molecular size on SDS-PAGE will appear at approximately 28-40kDa).
<b>Uniprot Accession Number</b>	P20718
<b>Amino Acid Sequence</b>	EEIIGGHEAK PHSRPYMAFV QFLQEKSRRK CGGILVRKDF VLTAAHQCGS SINVTLGAHN IKEQERTQQF IPVKRPIPHP AYNPKNFSND IMLLQLERKA KWTTAVRPLR LPSSKAQVKP GQLCSVAGWG YVSMSTLATT LQEVLLTVQK DCQCERLFHG NYSRATEICV GDPKKTQTGF KGDSGG- PLVC KDVAQGILSY GNKKGTPPGV YIKVSHFLPW IKRTMKRLHH HHHH.
<b>Source</b>	Sf9, Baculovirus cells.
<b>Physical Appearance and Stability</b>	Sterile Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°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.
<b>Formulation and Purity</b>	GZMH protein solution (0.25mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol. Greater than 90.0% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**