

Granzyme-H Human Recombinant

Item Number	rAP-1148
Synonyms	Granzyme H (Cathepsin G-Like 2, Protein H-CCPX), CTSG2, Cytotoxic T-Lymphocyte Proteinase, CCP-X, CSP-C, Cytotoxic T-Lymphocyte-Associated Serine Esterase 1, Cytotoxin Serine Protease-C, Cytotoxic Serine Protease C, Cathepsin G-Like 2, EC 3.4.21.79, EC 3
Description	GZMH Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 248 amino acids (20-246 a.a) and having a molecular mass of 27.5kDa. GZMH is fused to a 21 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	P20718
Amino Acid Sequence	MGSSHHHHH SSGLVPRGSH MEIIGGHEAK PHSRPYMAFV QFLQEKSRKR CGGILVRKDF VLTAAHCQGS SINVTLGahn iKEQERTQQF IPVKRPIPHP AYNPKNFSND IMLLQLERKA KWTTAVRPLR LPSSKAQVKP GQLCSVAGWG YVSMSTLATT LQEVLLTVQK DCQCERLFHG NYSRATEICV GDPKKTQTGF KGDSGGPLVC KDVAQGILSY GNKKGTPPGV YIKVSHFLPW IKRTMKRL
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered clear 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.
Formulation and Purity	GZMH protein solution (0.25mg/ml) containing 20mM Tris-HCl (pH 8.0) and 10% glycerol. Greater than 85.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	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**