

## Granzyme-H Human Recombinant

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| <b>Item Number</b>                       | rAP-1148   |
| <b>Synonyms</b>                          | Granzyme H (Cathepsin G-Like 2, Protein H-CCPX), CTSGL2, 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                        |
| <b>Description</b>                       | 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. |
| <b>Uniprot Accesion Number</b>           | P20718   |
| <b>Amino Acid Sequence</b>               | MGSSHHHHHH SSGLVPRGSH MEIIGGHEAK PHSRPYMAFV QFLQEKS RKR CGGILVRKDF VLTAAH CQGS SINVTG AHN IKEQERTQQF IPVKRPIPH AYNPKNF SND IMLLQLERKA KWTTAVRPLR LPSSKAQVKP GQLCSVAGWG YVSMSTLATT LQEVLTTVQK DCQCERLFHG NYSRATEICV GDPKKTQTGF KGDSGGPLVC KDVAQGILSY GNKKGTPPGV YIKVSHFLPW IKRTMKRL     |
| <b>Source</b>                            | Escherichia Coli.  |
| <b>Physical Appearance and Stability</b> | 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.                  |
| <b>Formulation and Purity</b>            | 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.  |
| <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**