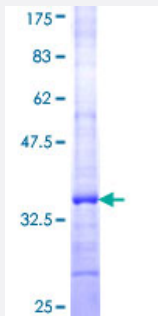


# GZMH (Human) Recombinant Protein (Q02)

Catalog # H00002999-Q02

Size 25 ug, 10 ug

## Applications



## Specification

|                                      |                                                                                                          |
|--------------------------------------|----------------------------------------------------------------------------------------------------------|
| <b>Product Description</b>           | Human GZMH partial ORF ( NP_219491, 161 a.a. - 246 a.a.) recombinant protein with GST-tag at N-terminal. |
| <b>Sequence</b>                      | EVLLTVQKDCQCERLFHGNYSRATEICVGDPKKTQTGFKGDSGGPLVCKDVAQGILSYGNKKGT<br>PPGVYIKVSHFLPWIKRTMKRL               |
| <b>Host</b>                          | Wheat Germ (in vitro)                                                                                    |
| <b>Theoretical MW (kDa)</b>          | 35.2                                                                                                     |
| <b>Interspecies Antigen Sequence</b> | Mouse (51); Rat (56)                                                                                     |
| <b>Preparation Method</b>            | <a href="#">in vitro wheat germ expression system</a>                                                    |
| <b>Purification</b>                  | Glutathione Sepharose 4 Fast Flow                                                                        |
| <b>Quality Control Testing</b>       | 12.5% SDS-PAGE Stained with Coomassie Blue.                                                              |
| <b>Storage Buffer</b>                | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.                                 |
| <b>Storage Instruction</b>           | Store at -80°C. Aliquot to avoid repeated freezing and thawing.                                          |
| <b>Note</b>                          | Best use within three months from the date of receipt of this protein.                                   |

## Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

## Gene Info — GZMH

|                     |                                                                                            |
|---------------------|--------------------------------------------------------------------------------------------|
| Entrez GeneID       | <a href="#">2999</a>                                                                       |
| GeneBank Accession# | <a href="#">NM_033423</a>                                                                  |
| Protein Accession#  | <a href="#">NP_219491</a>                                                                  |
| Gene Name           | GZMH                                                                                       |
| Gene Alias          | CCP-X, CGL-2, CSP-C, CTLA1, CTSG2                                                          |
| Gene Description    | granzyme H (cathepsin G-like 2, protein h-CCPX)                                            |
| Omim ID             | <a href="#">116831</a>                                                                     |
| Gene Ontology       | <a href="#">Hyperlink</a>                                                                  |
| Gene Summary        | O                                                                                          |
| Other Designations  | cytotoxic T-lymphocyte-associated serine esterase 1 cytotoxin serine protease-C granzyme H |

## Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)