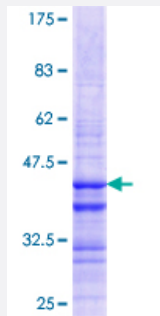


# GNLY (Human) Recombinant Protein (Q01)

Catalog # H00010578-Q01

Size 25 ug, 10 ug

## Applications



## Specification

<b>Product Description</b>	Human GNLY partial ORF ( NP_006424.2, 46 a.a. - 145 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Sequence</b>	LAQEGPQGDLTKTQELGRDYRTCLTVQKLKKMVDKPTQRSVSNAATRVCRTRGRSRWRDVCNFMRRYQSRVTQGLVAGETAQQICEDLRLCIPSTGPL
<b>Host</b>	Wheat Germ (in vitro)
<b>Theoretical MW (kDa)</b>	36.74
<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 — GNLY

Entrez GeneID [10578](#)

GeneBank Accession# [NM\\_006433](#)

Protein Accession# [NP\\_006424.2](#)

Gene Name GNLY

Gene Alias 519, D2S69E, LAG-2, LAG2, NKG5, TLA519

Gene Description granulysin

Omim ID [188855](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** The product of this gene is a member of the saposin-like protein (SAPLIP) family and is located in the cytotoxic granules of T cells, which are released upon antigen stimulation. This protein is present in cytotoxic granules of cytotoxic T lymphocytes and natural killer cells, and it has antimicrobial activity against M. tuberculosis and other organisms. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq]

**Other Designations** T-lymphocyte activation gene 519|lymphocyte-activation gene 2

## Disease

- [Asthma](#)
- [Bronchiolitis](#)
- [Genetic Predisposition to Disease](#)
- [Infant](#)

- [Respiratory Syncytial Virus Infections](#)