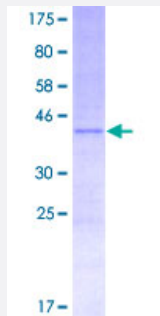


# GABARAP (Human) Recombinant Protein (Q01)

Catalog # H00011337-Q01

Size 25 ug, 10 ug

## Applications



## Specification

|                                |                                                                                                                       |
|--------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| <b>Product Description</b>     | Human GABARAP partial ORF ( NP_009209, 1 a.a. - 117 a.a.) recombinant protein with GST-tag at N-terminal.             |
| <b>Sequence</b>                | MKFVYKEEHPFEKRRSEGEKIRKKYPDRVPVIVEKAPKARIGDLDDKKKYLVPSDLTVGQFYFLIRKRIHLRAEDALFFVNNVIPPTSATMGQLYQEHHEEDFFLYIAYSDESUYGL |
| <b>Host</b>                    | Wheat Germ (in vitro)                                                                                                 |
| <b>Theoretical MW (kDa)</b>    | 38.61                                                                                                                 |
| <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 — GABARAP

Entrez GeneID [11337](#)

GeneBank Accession# [NM\\_007278](#)

Protein Accession# [NP\\_009209](#)

Gene Name GABARAP

Gene Alias FLJ25768, MGC120154, MGC120155, MM46

Gene Description GABA(A) receptor-associated protein

Omim ID [605125](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** Gamma-aminobutyric acid A receptors [GABA(A) receptors] are ligand-gated chloride channels that mediate inhibitory neurotransmission. This gene encodes GABA(A) receptor-associated protein, which is highly positively charged in its N-terminus and shares sequence similarity with light chain-3 of microtubule-associated proteins 1A and 1B. This protein clusters neurotransmitter receptors by mediating interaction with the cytoskeleton. [provided by RefSeq]

Other Designations -

## Pathway

- [Regulation of autophagy](#)

## Disease

- [Disease Progression](#)
- [Disease Susceptibility](#)
- [Genetic Predisposition to Disease](#)
- [HIV Infections](#)
- [Tobacco Use Disorder](#)