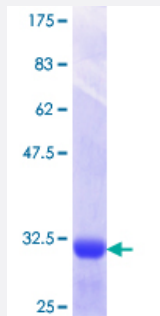


# RGS8 (Human) Recombinant Protein (Q01)

Catalog # H00085397-Q01

Size 25 ug, 10 ug

## Applications



## Specification

|                                      |                                                                                                         |
|--------------------------------------|---------------------------------------------------------------------------------------------------------|
| <b>Product Description</b>           | Human RGS8 partial ORF ( NP_203131.1, 1 a.a. - 80 a.a.) recombinant protein with GST-tag at N-terminal. |
| <b>Sequence</b>                      | MWNTLTRSLSDHPVGKDPQAMRTGQRQNKGMRTRLGCLSHKSDSCSDFTAILPDKPNRALKRLSTEEATRWADSFDVLLS                        |
| <b>Host</b>                          | Wheat Germ (in vitro)                                                                                   |
| <b>Theoretical MW (kDa)</b>          | 34.54                                                                                                   |
| <b>Interspecies Antigen Sequence</b> | Mouse (96); Rat (98)                                                                                    |
| <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 — RGS8

Entrez GeneID [85397](#)

GeneBank Accession# [NM\\_033345](#)

Protein Accession# [NP\\_203131.1](#)

Gene Name RGS8

Gene Alias MGC119067, MGC119068, MGC119069

Gene Description regulator of G-protein signaling 8

Omim ID [607189](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** This gene is a member of the regulator of G protein signaling (RGS) family and encodes a protein with a single RGS domain. Regulator of G protein signaling (RGS) proteins are regulatory and structural components of G protein-coupled receptor complexes. They accelerate transit through the cycle of GTP binding and hydrolysis to GDP, thereby terminating signal transduction, but paradoxically, also accelerate receptor-stimulated activation. [provided by RefSeq]

**Other Designations** OTTHUMP00000033156|regulator of G-protein signalling 8

## Disease

- [Carcinoma](#)
- [Genetic Predisposition to Disease](#)
- [Head and Neck Neoplasms](#)

- [Neoplasm Recurrence](#)
- [Neoplasms](#)
- [Psychiatric Status Rating Scales](#)
- [Schizophrenia](#)
- [Tobacco Use Disorder](#)