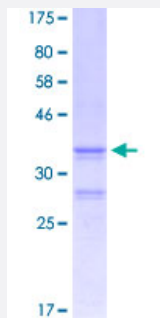


# GRK7 (Human) Recombinant Protein (Q01)

Catalog # H00131890-Q01

Size 25 ug, 10 ug

## Applications



## Specification

|                                |                                                                                                         |
|--------------------------------|---------------------------------------------------------------------------------------------------------|
| <b>Product Description</b>     | Human GRK7 partial ORF (NP_631948.1, 1 a.a. - 100 a.a.) recombinant protein with GST tag at N-terminal. |
| <b>Sequence</b>                | MVDMGALDNLANTAYLQARKPSDCDSKELQRRRRSLALPGLQGCAELRQKLSLNFHSLCEQQPI<br>GRRLFRDFLATVPTFRKAATFLEDVQNWELAEEGP |
| <b>Host</b>                    | Wheat Germ (in vitro)                                                                                   |
| <b>Theoretical MW (kDa)</b>    | 36.63                                                                                                   |
| <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 — GRK7

**Entrez GeneID** [131890](#)

**GeneBank Accession#** [NM\\_139209.2](#)

**Protein Accession#** [NP\\_631948.1](#)

**Gene Name** GRK7

**Gene Alias** GPRK7

**Gene Description** G protein-coupled receptor kinase 7

**Omim ID** [606987](#)

**Gene Ontology** [Hyperlink](#)

**Gene Summary** This gene encodes a member of the guanine nucleotide-binding protein (G protein)-coupled receptor kinase subfamily of the Ser/Thr protein kinase family. It is specifically expressed in the retina and the encoded protein has been shown to phosphorylate cone opsins and initiate their deactivation. [provided by RefSeq]

**Other Designations** G-protein-coupled receptor kinase 7

## Pathway

- [Chemokine signaling pathway](#)
- [Endocytosis](#)

## Disease

- [Asthma](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Tobacco Use Disorder](#)