

## Recombinant Mouse Rgs3 Protein, Myc/DDK-tagged

**Cat. No.** Rgs3-5498M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                           |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Purified recombinant protein of mouse full-length regulator of G-protein signaling 3 (Rgs3), with C-terminal MYC/DDK tag, expressed in HEK293T cells.                                                                                                                     |
| <b>Species</b>          | Mouse                                                                                                                                                                                                                                                                     |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                    |
| <b>Description</b>      | Down-regulates signaling from heterotrimeric G-proteins by increasing the GTPase activity of the alpha subunits, thereby driving them into their inactive GDP-bound form. Down-regulates G-protein-mediated release of inositol phosphates and activation of MAP kinases. |
| <b>Molecular Mass</b>   | 106.2 kDa                                                                                                                                                                                                                                                                 |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                                                                                                               |
| <b>Stability</b>        | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.                                                                                                                             |
| <b>Storage</b>          | Store at -80 centigrade after receiving vials.                                                                                                                                                                                                                            |
| <b>Concentration</b>    | >50 µg/mL as determined by microplate BCA method                                                                                                                                                                                                                          |
| <b>Storage Buffer</b>   | 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.                                                                                                                                                                                                                     |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

## GENE INFORMATION

|                 |                                                                                                                                                                          |
|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene Name       | Rgs3 regulator of G-protein signaling 3 [ Mus musculus (house mouse) ]                                                                                                   |
| Official Symbol | Rgs3                                                                                                                                                                     |
| Synonyms        | RGS3; regulator of G-protein signaling 3; C2 membrane binding, PDZ protein/protein interaction, ATP/GTP binding domains; C2pa; RGS3S; PDZ-RGS3; C2PA-RGS3; 4930506N09Rik |
| Gene ID         | 50780                                                                                                                                                                    |
| mRNA Refseq     | NM_134257                                                                                                                                                                |
| Protein Refseq  | NP_599018                                                                                                                                                                |
| UniProt ID      | Q9DC04                                                                                                                                                                   |

 Tel: 1-631-559-9269 1-516-512-3133 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127 45-1 Ramsey Road, Shirley, NY 11967, USA