

## Recombinant Human RGS4 protein, GST-tagged

Cat. No. RGS4-301208H Lot. No. (See product label)

### SPECIFICATION

|                         |  |
|-------------------------|--|
| <b>Product Overview</b> | Recombinant Human RGS4 (21-71 aa) protein, fused to GST tag, was expressed in E. coli.   |
| <b>Species</b>          | Human  |
| <b>Source</b>           | E.coli   |
| <b>ProteinLength</b>    | His21-Cys71  |
| <b>Form</b>             | The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. |
| <b>AA Sequence</b>      | HRLGFLQKSDSCEHNSSHNKKDKVVICQRVSQEEVKKWAESLENLISHEC   |
| <b>Purity</b>           | 95%, by SDS-PAGE with Coomassie Brilliant Blue staining.   |
| <b>Stability</b>        | Store for up to 12 months at -20°C to -80°C as lyophilized powder.   |
| <b>Storage</b>          | Short-term storage: Store at 2-8°C for (1-2 weeks).<br>Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.   |
| <b>Reconstitution</b>   | Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.  |

 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

Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage.

## GENE INFORMATION

|                        |  |
|------------------------|--|
| <b>Gene Name</b>       | RGS4 regulator of G-protein signaling 4 [ Homo sapiens ]   |
| <b>Official Symbol</b> | RGS4   |
| <b>Synonyms</b>        | RGS4; regulator of G-protein signaling 4; regulator of G protein signalling 4 , schizophrenia disorder 9 , SCZD9; schizophrenia disorder 9; RGP4; SCZD9; MGC2124; MGC60244; DKFZp761F1924; |
| <b>Gene ID</b>         | 5999   |
| <b>mRNA Refseq</b>     | NM_001102445   |
| <b>Protein Refseq</b>  | NP_001095915   |
| <b>MIM</b>             | 602516   |
| <b>UniProt ID</b>      | P49798   |

 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