

Recombinant Human RGS3 protein, GST-tagged

Cat. No. RGS3-5745H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human RGS3 protein(1-241 aa), fused with N-terminal GST tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-241 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 8.0). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 100 mM reduced glutathione (GSH).
AASequence	VIRPGFQRACVAAACTVAARCPGRGVGDRSQSGASYRPICGPKVGGPTEMLRGMYLTRNGNLQRRHTMKEAKDMKNKLGIFRRRSESPGAPPAGKADKMMKSFKPTSEEA LKWGESLEKLLVHKYGLAVFQAFLRTEFSEENLEFWLACEDFKKVKSQSKMASKAK KIFAEYIAIQACKEVNLDSTREHTKDNLQSVTRGCFDLAQKRIFGLMEKDSYPRFLR SDLYLDLINQKKMSPPPL
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

repeat freeze-thaw cycles.

Reconstitution

Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

GENE INFORMATION

Gene Name

RGS3 regulator of G-protein signaling 3 [Homo sapiens]

Official Symbol

RGS3

Synonyms

RGS3; regulator of G-protein signaling 3; regulator of G protein signalling 3; C2PA; FLJ20370; PDZ RGS3; regulator of G-protein signalling 3; RGP3; PDZ-RGS3; FLJ31516; FLJ90496;

Gene ID

5998

mRNA Refseq

NM_017790

Protein Refseq

NP_060260

MIM

602189

UniProt ID

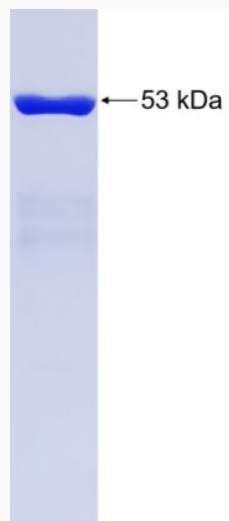
P49796

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

SDS-PAGE



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

Email: info@creative-biomart.com Fax: 1-631-938-8127

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