

Recombinant Human RGS8 Protein, His&GST-tagged

Cat. No. RGS8-2017H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human RGS8 Protein (Met1-Ser180) with N-His&GST tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met1-Ser180
Description	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.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 50.9 kDa Accurate Molecular Mass: 56 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

 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

Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name	RGS8 regulator of G protein signaling 8 [Homo sapiens (human)]
Official Symbol	RGS8
Synonyms	RGS8; regulator of G protein signaling 8; regulator of G-protein signaling 8; regulator of G-protein signalling 8
Gene ID	85397
mRNA Refseq	NM_001102450
Protein Refseq	NP_001095920
MIM	607189
UniProt ID	P57771

 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