

Recombinant Human RGS1 protein, His-tagged

Cat. No. RGS1-383H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human RGS1 protein(NP_002913.3)(Met1-Lys196), fused with His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met1-Lys196
Form	Lyophilized from sterile 50 mM Tris, 200 mM NaCl, pH 8.5. Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
Molecular Mass	The recombinant human RGS1 consists of 214 amino acids and predicts a molecular mass of 24.7 kDa. It migrates as an approximately 28 kDa band in SDS-PAGE under reducing conditions.
Purity	> 90 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of

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0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	RGS1 regulator of G-protein signaling 1 [Homo sapiens]
Official Symbol	RGS1
Synonyms	RGS1; regulator of G-protein signaling 1; IER1, regulator of G protein signalling 1; 1R20; BL34; IR20; early response protein 1R20; B-cell activation protein BL34; regulator of G-protein signalling 1; immediate-early response 1, B-cell specific; IER1;
Gene ID	5996
mRNA Refseq	NM_002922
Protein Refseq	NP_002913
MIM	600323
UniProt ID	Q08116

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