

Recombinant Human RGS4 protein, GST-tagged

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

SPECIFICATION

Product Overview	Recombinant Human RGS4 (21-71 aa) protein, fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	His21-Cys71
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
AA Sequence	HR LG FLL QK S D S C E H N S S H N K K D K V V I C Q R V S Q E E V K K W A E S L E N L I S H E C
Purity	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Stability	Store for up to 12 months at -20°C to -80°C as lyophilized powder.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). 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.
Reconstitution	Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.

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

GENE INFORMATION

Gene Name	RGS4 regulator of G-protein signaling 4 [Homo sapiens]
Official Symbol	RGS4
Synonyms	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;
Gene ID	5999
mRNA Refseq	NM_001102445
Protein Refseq	NP_001095915
MIM	602516
UniProt ID	P49798

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