

Recombinant Human RGS7 protein, His-tagged

Cat. No. RGS7-3429H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human RGS7 protein(P49802)(1-487aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-487aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	60.7 kDa
AA Sequence	MAQGNNYGQTSNGVADESPNMLVYRKMEDVIARMQDEKNGIPIRTVKSFLSKIPSV FSGSDIVQWLIKNTIEDPVEALHLGTLMAAHGYFFPISDHVLTLDKDDGTFYRFQTPY FWPSNCWEPENTDYAVYLCKRTMQNKARLELADYEAESLARLQRAFARKWEFIFM QAEAQAKVDKKRDKIERKILDSQERAFWDVHRPVPGCVNTTEVDIKKSSRMNRNPHK TRKSVYGLQNDIRSHSPHTHTPETKPPTTEDELQQQIKYWQIQLDRHRLKMSKVADS LLSYTEQYLEYDPFLLPPDPSNPWLSDDTTFWELEASKEPSQQRVKRWGFGMDEA LKDPVGREQFLKFLESEFSSSENLRFWLAVEDLKKRPIKEVPSRVQEIWQEFLAPGAP SAINLDSKSYDKTTQNVKEPGRYTFEDAQEHYKLMKSDSYPRFIRSSAYQELLQAK KKSGNSMDRRTSFEKFAQNVGKSLTSKRLTSLAQSY

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Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

GENE INFORMATION

Gene Name	RGS7 regulator of G-protein signaling 7 [Homo sapiens]
Official Symbol	RGS7
Synonyms	RGS7; regulator of G-protein signaling 7; regulator of G protein signalling 7; regulator of G-protein signalling 7; regulator of G-protein signaling RGS7;
Gene ID	6000
mRNA Refseq	NM_002924
Protein Refseq	NP_002915
MIM	602517
UniProt ID	P49802

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