

Recombinant Human RGS7 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. RGS7-5832H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	RGS7 MS Standard C13 and N15-labeled recombinant protein (NP_002915) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	RGS7 (Regulator Of G Protein Signaling 7) is a Protein Coding gene. Diseases associated with RGS7 include Prolonged Electroretinal Response Suppression and Congenital Stationary Night Blindness. Among its related pathways are Signaling by GPCR and Myometrial Relaxation and Contraction Pathways. Gene Ontology (GO) annotations related to this gene include obsolete signal transducer activity and G-protein beta-subunit binding. An important paralog of this gene is RGS6.
Molecular Mass	56.8 kDa
AA Sequence	MAQGNNYGQTSNGVADESPNMLVYRKMEDVIARMQDEKNGIPIRTVKSFLSKIPSV FSGSDIVQWLKLNLTIEDPVEALHLGTLMAAHGYFFPISDHVLTLLKDDGTFYRFQTPY FWPSNCWEPENTDYAVYLCKRTMQNKARLELADYEAESLARLQRAFARKWEFIFM QAEAQAKVDKKRDKIERKILDSQERAFWDVHRPVPVGCVNTTEVDIKSSRMNPHK TRKSVYGLQNDIRSHSPHTHTPTPETKPPTDELQQQIKYWQIQLDRHRLKMSKVADS LLSYTEQYLEYDPFLLPPDPSNPWLSDDTTFWELEASKEPSQQRVKRWGFGMDEA LKDPVGREQFLKFLESEFSSSENLRFWLAVEDLKKRPIKEVPSRVQEIWQEFLAPGAP

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SAINLDSKSYDKTTHNVKEPGRYTFEDAQEHYKLMKSDSYPRFIRSSAYQELLQAKK
KSGNSMDRRTSF EKFAQNVGKSLTSKRLTSLAQSYTRTRPLEQKLISEEDLAANDIL
DYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name RGS7 regulator of G-protein signaling 7 [Homo sapiens (human)]

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

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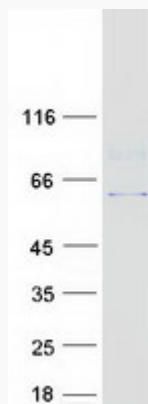
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UniProt ID

P49802

SDS-PAGE

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