

Product datasheet for TP315185L

RGS11 (NM_183337) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human regulator of G-protein signaling 11 (RGS11), transcript variant 1, 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC215185 representing NM_183337 Red =Cloning site Green =Tags(s)
	<p>MAAGPAPPPGRPRAQMPHLRKMERVVSMQDPDQGVKMRSQRLLVTVIPHAVTGSDDVWQWLAQKFCVSEE EALHLGAVLVQHGVIYPLRDPRLMLRPDETYPYRFQTPYFWTSTLRPAAELDYAIYLAKKNIRKRGLVD YEKDCYDRLHKKINHAWDLVLMQAREQLRAAKQRSKGDRLVACQEQTWLVNRPVPPGAPDVLEQGPGRG SCAASRVLMTKSADFHKREIEYFRKALGRTRVKSSVCLAYLSFCGQRGPHDPLVSGCLPSNPWISDND YVVMNAPTVAAPTCLRVERWGFSEFRELLEDPVGRAHFMDFLGKEFSGENLSFWEACEELRYGAQAQVPTL VDAVVEQFLAPGAAHVVNIDSRTMEQTLEGLRQPHRYVLDLDAQLHIYMLMKKDSYPRFLKSDMYKALLAE AGIPLEMKRRVFPFTWRPRHSSPSPALLPTPVEPTAACGPGGGDGVA</p> <p>SGPTRTRRLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-Myc/DDK
Predicted MW:	52.8 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.



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RefSeq: [NP_899180](#)

Locus ID: 8786

UniProt ID: [Q94810](#), [Q4TT70](#)

RefSeq Size: 2373

Cytogenetics: 16p13.3

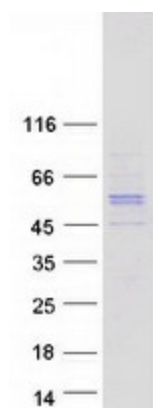
RefSeq ORF: 1401

Synonyms: RS11

Summary: The protein encoded by this gene belongs to the RGS (regulator of G protein signaling) family. Members of the RGS family act as GTPase-activating proteins on the alpha subunits of heterotrimeric, signal-transducing G proteins. This protein inhibits signal transduction by increasing the GTPase activity of G protein alpha subunits, thereby driving them into their inactive GDP-bound form. Alternative splicing occurs at this locus and four transcript variants encoding distinct isoforms have been identified. [provided by RefSeq, Nov 2013]

Protein Families: Druggable Genome

Product images:



Coomassie blue staining of purified RGS11 protein (Cat# [TP315185]). The protein was produced from HEK293T cells transfected with RGS11 cDNA clone (Cat# [RC215185]) using MegaTran 2.0 (Cat# [TT210002]).