

Product datasheet for **TP314542**

RGS11 (NM_003834) Human Recombinant Protein

Product data:

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|--|---|
| Product Type: | Recombinant Proteins |
| Description: | Recombinant protein of human regulator of G-protein signaling 11 (RGS11), transcript variant 2, 20 µg |
| Species: | Human |
| Expression Host: | HEK293T |
| Expression cDNA Clone or AA Sequence: | >RC214542 representing NM_003834 Red =Cloning site Green =Tags(s) |

MERVVSMQDPDQGVKMRSQRLLVTVIPHAVTGSDDVWQWLAQKFCVSEEEALHLGAVLVQHGYIYPLRDP
RSLMLRPDETPYRFQTPYFWTSTLRPAAELDYAIYLAKKNIRKRGTLVDYEKDCYDRLHKKINHAWDLVL
MQAREQLRAAKQRSKGDRDLVIACQEQTWLVNRPVPPGAPDVLEQGPGRGSCAASRVLMTKSADFHKREIE
YFRKALGRTRVKSSVCLEAYLSFCGQRGPHDPLVSGCLPSNPWISDNDAYWVMNAPTVAAPTCLRVERWG
FSFRELLEDPVGRAHFMDFLGKEFSGENLSFWEACEELRYGAQAQVPTLVDVYEQFLAPGAAHWVNIDS
RTMEQTLLEGLRQPHRYVLDDAQLHIYMLMKKDSYPRFLKSDMYKALLAEAGIPLEMKRRVFPFTWRPRHS
SPSPALLPTPVEPTAACGPGGGDGVA

SGPTRRRLEQKLISEEDLAANDILDYKDDDDKV

| | |
|-----------------------|--|
| Tag: | C-Myc/DDK |
| Predicted MW: | 50.5 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_003825](#)

Locus ID: 8786

UniProt ID: [O94810](#)

RefSeq Size: 2384

Cytogenetics: 16p13.3

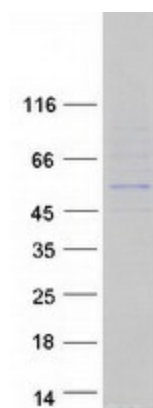
RefSeq ORF: 1338

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# TP314542). The protein was produced from HEK293T cells transfected with RGS11 cDNA clone (Cat# [RC214542]) using MegaTran 2.0 (Cat# [TT210002]).