

## Product datasheet for TP314542L

### RGS11 (NM\_003834) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human regulator of G-protein signaling 11 (RGS11), transcript variant 2, 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC214542 representing NM_003834 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MERVVSMQDPDQGVKMRSQRLLVTVIPHAVTGSDDVWQWLAQKFCVSEEEALHLGAVLVQHGYYIPLRDP  
RSLMLRPDETPYRFQTPYFWTSTLRPAAELDYAIYLAKKNIRKRGTLVDYKDCYDRLHKKINHAWDLVL  
MQAREQLRAAKQRSKGDRDLVIACQEQTWLVNRPDPPGAPDVLEQGPGRGSCAASRVLMTKSADFHKREIE  
YFRKALGRTRVKSSVCLEAYLSFCGQRGPHDPLVSGCLPSNPWISDNDAYWVMNAPTVAAPTCLRVERWG  
FSFRELLEDPVGRAHFMDFLGKEFSGENLSFWEACEELRYGAQAQVPTLVDAVYEQFLAPGAAHWVNIDS  
RTMEQTLLEGLRQPHRYVLDDAQLHIYMLMKKDSYPRFLKSDMYKALLAEAGIPLEMKRRVFPFTWRPRHS  
SPSPALLPTPVEPTAACGPGGGDVA

**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

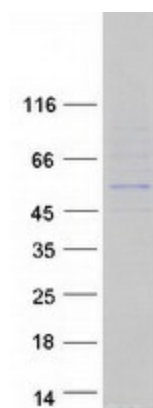
RefSeq ORF: 1338

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]).