

## Product datasheet for **TP314542M**

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

#### **Product data:**

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Recombinant protein of human regulator of G-protein signaling 11 (RGS11), transcript variant 2, 100 µg
<b>Species:</b>	Human
<b>Expression Host:</b>	HEK293T
<b>Expression cDNA Clone or AA Sequence:</b>	>RC214542 representing NM_003834 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MERVVSMQDPDQGVKMRSQRLLVTVIPHAVTGSDDVWQWLAQKFCVSEEEALHLGAVLVQHGYYIPLRDP  
RSLMLRPDETPYRFQTPYFWTSTLRPAAELDYAIYLAKKNIRKRGTLVDYEKDCYDRLHKKINHAWDLVL  
MQAREQLRAAKQRSKGDRDLVIACQEQTWLVNRPVPPGAPDVLEQGPGRGSCAASRVLMTKSADFHKREIE  
YFRKALGRTRVKSSVCLEAYLSFCGQRGPHDPLVSGCLPSNPWISDNDAYWVMNAPTVAAPTCLRVERWG  
FSFRELLEDPVGRAHFMDFLGKEFSGENLSFWEACEELRYGAQAQVPTLVDAVYEQFLAPGAAHWVNIDS  
RTMEQTLGLRQPHRYVLDDAQLHIYMLMKKDSYPRFLKSDMYKALLAEAGIPLEMKRRVFPFTWRPRHS  
SPSPALLPTPVEPTAACGPGGGDVA

**SGPTRRRLEQKLISEEDLAANDILDYKDDDDKV**

<b>Tag:</b>	C-Myc/DDK
<b>Predicted MW:</b>	50.5 kDa
<b>Concentration:</b>	>0.05 µg/µL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
<b>Preparation:</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.



[View online >](#)

RefSeq: [NP\\_003825](#)

Locus ID: 8786

UniProt ID: [O94810](#)

RefSeq Size: 2384

Cytogenetics: 16p13.3

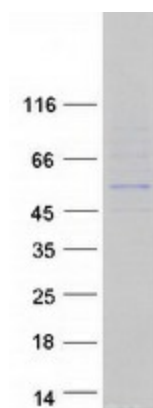
RefSeq ORF: 1338

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]).