

## Product datasheet for **TP309082M**

### **RGS19 (NM\_005873) Human Recombinant Protein**

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human regulator of G-protein signaling 19 (RGS19), transcript variant 1, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC209082 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	MPTPHEAEKQITGPEEADRPSSMSSHDTASPAAPSRNPCCLCWCCCCSCSWNQERRRAWQASRESKLQPL PSCEVCATPSPEEVQSWAQSFDKLMHSPAGRSVFRAFLRTEYSEENMLFWLACEELKAEANQHVVDEKAR LIYEDYVSILSPKEVSLDSRVREGINKKMQEPSAHTFDDAQLQIYTLMHRDSYPRFLSSPTYRALLQGP SQSSSEA
	<b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-Myc/DDK
Predicted MW:	24.5 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.
RefSeq:	<u><a href="#">NP_005864</a></u>
Locus ID:	10287



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UniProt ID: [P49795](#)

RefSeq Size: 1593

Cytogenetics: 20q13.33

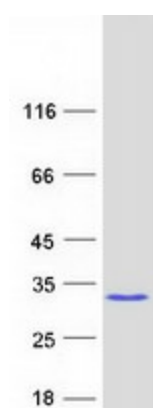
RefSeq ORF: 651

Synonyms: GAIP; RGSGAIP

**Summary:** G proteins mediate a number of cellular processes. The protein encoded by this gene belongs to the RGS (regulators of G-protein signaling) family and specifically interacts with G protein, GAI3. This protein is a guanosine triphosphatase-activating protein that functions to down-regulate Galpha i/Galpha q-linked signaling. Alternatively spliced transcript variants encoding the same protein isoform have been found for this gene. [provided by RefSeq, Jul 2008]

**Protein Families:** Druggable Genome

### Product images:



Coomassie blue staining of purified RGS19 protein (Cat# [TP309082]). The protein was produced from HEK293T cells transfected with RGS19 cDNA clone (Cat# [RC209082]) using MegaTran 2.0 (Cat# [TT210002]).