

Product datasheet for **TP309082**

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, 20 µg
Species: Human
Expression Host: HEK293T
Expression cDNA Clone or AA Sequence: >RC209082 protein sequence
Red=Cloning site **Green**=Tags(s)

MPTPHEAEKQITGPEEADRPSPMSSHDTASPAAPSRNPCCLCWCCCCSCSWNQERRRAWQASRESKLQPL
PSCEVCATPSPEEVQSWAQSFDKLMHSPAGRSVFRAFLRTEYSEENMLFWLACEELKAEANQHVVDEKAR
LIYEDYVSILSPKEVSLDSRVREGINKKMQEPSAHTFDDAQLQIYTLMHRDSYPRFLSSPTYRALLQGP
SQSSSEA

TRTRPLE**QKLISEEDLAANDILDYKDDDDK**V

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: [NP_005864](#)
Locus ID: 10287



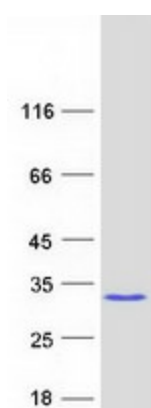
[View online »](#)

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]).