

Product datasheet for PH309082

RGS19 (NM_005873) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	RGS19 MS Standard C13 and N15-labeled recombinant protein (NP_005864)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC209082
Predicted MW:	24.6 kDa
Protein Sequence:	>RC209082 protein sequence Red=Cloning site Green=Tags(s) MPTPHEAEKQITGP E EADRPPSMSSHDTASPAAPSRNPCCLCWCCCS CSWNQERRRAWQASRESKLQPL PSCEVCATPSPEEVQSWAQSFDKLMHSPAGRSVFR AFLRTEYSEENMLFWLACEELKAEANQHVVDEKAR LIYEDYVSILSPKEVSLDSRVREGINKKMQEPSAHTFDDAQLQIYTLMHRDSYPRFLSSPTYRALLLQGP SQSSSEA TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_005864
RefSeq Size:	1593
RefSeq ORF:	651
Synonyms:	GAIP; RGSGAIP
Locus ID:	10287
UniProt ID:	P49795



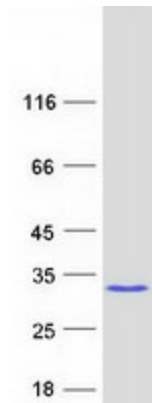
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Cytogenetics: 20q13.33

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]).