

Recombinant Human RGS19, T7-tagged

Cat. No. RGS19-2978H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human RGS19 (1-217 aa) is expressed in <i>E. coli</i> with a T7 tag at N-terminus.
Species	Human
Source	E.coli
Protein Length	1-217 a.a.
Description	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 G α i/G α q-linked signaling. Alternatively spliced transcript variants encoding the same protein isoform have been found for this gene.
MW	24636 Da.
Purity	95%.
Formulation	10 mM Tris. pH 8.0. 0.1% Triton X-100.0.002% NaN ₃ .
Application	MS. SDS.

GENE INFORMATION

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Gene Name	RGS19 regulator of G-protein signaling 19 [Homo sapiens]
Synonyms	RGS19; regulator of G-protein signaling 19;G alpha interacting protein; G protein signalling regulator 19; G-alpha-interacting protein; guanine nucleotide binding protein alpha inhibiting activity polypeptide 3 interacting protein; regulator of G-protein signalling 19; GAIP, RGSGAIP
Gene ID	10287
mRNA Refseq	NM_001039467
Protein Refseq	NP_001034556
MIM	605071
UniProt ID	P49795
Chromosome Location	20q13.33
Function	GTPase activator activity; protein binding; signal transducer activity
PDB rendering based on 1cmz.	