

Recombinant Human Regulator Of G-protein Signaling 19, His-tagged

Cat. No. RGS19-3363H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human RGS19 protein, fused to His-tag at N-terminus, was expressed in <i>E.coli</i> and purified by using conventional chromatography. MW = 26.7 kDa(237aa).
Species	Human
Source	E.coli
Description	RGS19, also known as Regulator of G-protein signaling 19, belongs to RGS (regulator of G protein signaling) family and negatively regulates G protein coupled receptor signaling. This protein specifically interacts with heterotrimeric GTP-binding protein G alpha i3 (GAI3).
Form	Liquid. In Phosphate Buffered Saline (pH7.4) containing 10% Glycerol.
Purity	> 90% by SDS - PAGE.
Concentration	0.5 mg/ml (determined by Bradford assay).
Sequences Of Amino Acids	MGSSHHHHHH SGLVPRGSH MPTPHEAEKQ ITGP E EADRP PSMSSHDTAS PAAP SRNPCC LCWCCCCSCS WNQERRRAWQ ASRESKLQPLPSCEVCATPS PE EVQSWAQS FDKLMHSPAG RSVFRAFLRT EYSEENMLFW LACEELKAEA NQHVV DEKAR LIYEDYVSIL SPKEVSLDSR VREGINKKMQ EPSAHTFDDA QLQIYTLMHR DSYPRFLSSP TYRALLQGP SQSSSEA.

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Storage

Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

GENE INFORMATION
Gene Name

RGS19 regulator of G-protein signaling 19 [Homo sapiens]

Synonyms

regulator of G-protein signaling 19; GAIP; RGSGAIP; RGS19; G alpha interacting protein; G-alpha-interacting protein; G protein signalling regulator 19; guanine nucleotide binding protein alpha inhibiting activity polypeptide 3 interacting protein; regulator of G-protein signalling 19; GNAI3IP

Gene ID

10287

mRNA Refseq

NM_001039467

Protein Refseq

NP_001034556

MIM

605071

UniProt ID

P49795

**Chromosome
Location**

20q13.33

Function

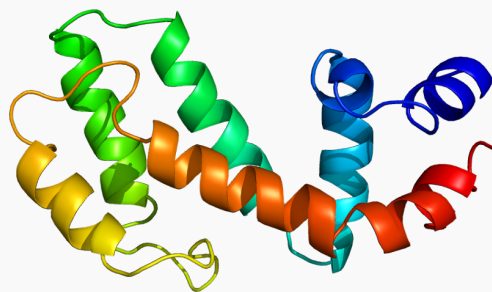
GTPase activator activity; protein binding; signal transducer activity

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