

RGS19, 1-217aa, Human, His tag, E.coli

Cat.NO.: TP03727

3th Edition

Synonyms:Regulator of G-protein signaling 19, GAIP, GNAI3IP

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). Recombinant human RGS19 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.

Form:Liquid. In Phosphate Buffered Saline (pH7.4) containing 10% Glycerol

Molecular Weight:26.7 kDa(237aa), confirmed by MALDI-TOF

Sequences:

MGSSHHHHHSSGLVPRGSHMPTPHEAEKQITGPEEADRPPSMSSHDTASPAAPSRNPCCLCWCCCCSCSWNQ
ERRRAWQASRESKQLPLPSCEVCATPSPEEVQSWAQSFDKLMHSPAGRSVFRFLRTEYSEENMLFWLACEELK
AEANQHVVDEKARLIYEDYVSILSPKEVSLDSRVREGINKKMQEPSAHTFDDAQLQIYTLMHRDSYPRFLSSPTYRA
LLLQGPSQSSSEA

Purity:> 95% by HPLC

Concentration:0.5 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

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.