

Regulator of G-Protein Signaling 19 Human Recombinant

Item Number	rAP-4637
Synonyms	GAIP, Regulator of G-protein signalling 19, G alpha interacting protein, GNAI3IP.
Description	RGS19 produced in E.Coli is a single, non-glycosylated polypeptide chain containing 327 amino acids (1-217a.a.) and having a molecular mass of 26.7kDa. RGS19 is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	P49795
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MPTPHEAEKQ ITGP EEADRP PSMSSHTAS PAAPSRNPCC LCWCCCCSCS WNQERRRAWQ ASRESKLQPL PSCEVCATPS PEEVQSWAQS FDKLMHSPAG RSVFRAFLRT EYSEENMLFW LACEELKAEA NQHVVDEKAR LIYEDYVSIL SPKEVSLDSR VREGINKKMQ EPSAHTFDDA QLQIYTLMHR DSYPRFLSSP TYRALLLQGP SQSSSEA
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered clear solution. Store at 4°C if entire vial will be used within 2-4 weeks. &Store, frozen at -20°C for longer periods of time.Please avoid freeze thaw cycles.
Formulation and Purity	The RGS19 protein solution (0.5mg/1ml) is formulated in Phosphate Buffered Saline (pH7.4) and 10% Glycerol. Greater than 90% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**