

---

## Product Data Sheet

---

Product Name: RGS19 Human  
 Cat. No.: GP24378  
 Batch No.: 1

### Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	GAIP; Regulator of G-protein signalling 19; G alpha interacting protein; GNAI3IP.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MPTPHEAEKQ ITGPEEADRP PSMSSHDTAS PAAPSRNPCC LCWCCCCSCS WNQERRRAWQ ASRESKLQPL PSCEVCATPS PEEVQSWAQS FDKLMHSPAG RSVFRAFLRT EYSEENMLFW LACEELKAEA NQHVVDEKAR LIYEDYVSIL SPKEVSLDSR VREGINKKMQ EPSAHTFDDA QLQIYTLMHR DSYPRFLSSP TYRALLLQGP SQSSSEA		
Formulation	The RGS19 protein solution (0.5mg/1ml) is formulated in Phosphate Buffered Saline (pH7.4) and 10% Glycerol.		

### Introduction

RGS19 is a member of RGS (regulator of G protein signaling) family and negatively regulates G protein coupled receptor signaling. RGS19 protein specifically cooperates with heterotrimeric GTP-binding protein G alpha i3 (GAI3).

### Stability

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.

### Background

RGS19 produced in E.Coli is a single, non-glycosylated polypeptide chain containing 237 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.

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA