9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

RGS21 Human

Regulator of G-Protein Signaling 21 Human Recombinant
RCP1861

Product Overview

Name	RGS21 Human
Description	
Regulator of G-Protein Signaling 21 Human Recombinant	
Accession (Primary)	Q2M5E4
Synonyms	
Regulator of G-protein signaling 21, RGS21.	
Introduction	
Regulator of G-protein signaling 21 (RGS21) belongs to the RGS family and regulatory molecules which act as GTPase activating proteins for G alpha subunits of heterotrimeric G proteins. The RGS21 protein inhibits signal transduction by increasing the GTPase activity of G protein alpha subunits thus driving them into their inactive GDP-bound form.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
RGS21 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 30% glycerol and 0.1M NaCl.	
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. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 90% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGSH MPVKCC FYRSPTAETM TWSENMDTLL ANQAGLDAFR IFLKSEFSEE NVEFWLACED FKKTKNADKI ASKAKMIYSE FIEADAPKEI NIDFGTRDLI SKNIAEPTLK CFDEAQKLIY CLMAKDSFPR FLKSEIYKKL VNSQQVPNHK KWLPFL.	
Precautions	
RGS21 Human is for research use only and not for use in diagnostic or therapeutic procedures.	

9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

Target Information: (Q2M5E4)