9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
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RGS4 Human

Regulator of G-Protein Signaling 4 Human Recombinant
RCP1862

Product Overview

Name	RGS4 Human
Description	
Regulator of G-Protein Signaling 4 Human Recombinant	
Accession (Primary)	P49798
Synonyms	
Regulator of G-protein signaling 4, RGP4, RGS4, SCZD9.	
Introduction	
Regulator of G protein signaling 4 (RGS4) is a protein which regulates G protein signaling. Regulator of G protein signaling (RGS) family members are regulatory molecules which act as GTPase activating proteins (GAPs) for G alpha subunits of heterotrimeric G proteins. Heterotrimeric G proteins serve to convey information from cell surface receptors to intracellular effectors.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
RGS4 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 5mM DTT, 10% glycerol and 200mM 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 MCKGLAGLPA SCLRSAKDMK HRLGFLLQKS DSCEHNSSHN KKDKVVICQR VSQEEVKKWA ESLENLISHE CGLAAFKAFL KSEYSEENID FWISCEEYKK IKSPSKLSPK AKKIYNEFIS VQATKEVNLD SCTREETSRN MLEPTITCFD EAQKKIFNLM EKDSYRRFLK SRFYLDLVNP SSCGAEKQKG AKSSADCASL VPQCA.	
Precautions	

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RGS4 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P49798)