

Regulator of G-Protein Signaling 4 Human Recombinant

Item Number	rAP-4644
Synonyms	Regulator of G-protein signaling 4, RGP4, RGS4, SCZD9.
Description	RGS4 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 225 amino acids (1-205 a.a.) and having a molecular mass of 25.4kDa.RGS4 is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	P49798
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MCKGLAGLPA SCLRSAKDMK HRLGFLLQKS DSCEHNSSHN KKDKV-VICQR VSQEEVKKWA ELENLISHE CGLAAFKAFL KSEYSEENID FWISCEEYKK IKSPSKLSPK AKKI-YNEFIS VQATKEVNLD SCTREETSRN MLEPTITCFD EAQKKIFNLM EKDSYRRFLK SRFYLDLVNP SSCGAEKQKG AKSSADCASL VPQCA.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered colorless 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. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
Formulation and Purity	RGS4 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 5mM DTT, 10% glycerol and 200mM NaCl. 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**