

32-4648: Recombinant Human Regulator of G-Protein Signaling 21

Alternative Name : Regulator of G-protein signaling 21,RGS21.

Description

Source : Escherichia Coli. RGS21 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 176 amino acids (1-152 a.a.) and having a molecular mass of 20.2kDa.RGS21 is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. 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.

Product Info

Amount :	20 µg
Purification :	Greater than 90% as determined by SDS-PAGE.
Content :	RGS21 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 30% glycerol and 0.1M NaCl.
Storage condition :	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.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MGSHPVKCC FYRSPTAETM TWSENMDTLL ANQAGLDAFR IFLKSEFSEE NVEFWLACED FKKTKNADKI ASKAKMIYSE FIEADAPKEI NIDFGTRDLI SKNIAEPTLK CFDEAQKLIY CLMAKDSFPR FLKSEIYKKL VNSQQVPNHK KWLPL.