

32-4644: Recombinant Human Regulator of G-Protein Signaling 16

Alternative Name A28-RGS14,A28-RGS14P,RGS-R,Regulator of G-protein signaling 16,RGS16,Retinally abundant regulator of G-protein signaling,Retinal-specific RGS,hRGS-r,RGSR.

Description

Source : Escherichia Coli. RGS16 Human Recombinant fused to 20 amino acid His Tag at N-terminal produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 222 amino acids (1-202 a.a.) and having a molecular mass of 24.9 kDa. The RGS16 is purified by proprietary chromatographic techniques. RGS16 is part of the "regulator of G protein signaling" family. RGS16 inhibits signal transduction by increasing the GTPase activity of G protein alpha subunits thereby driving them into their inactive GDP-bound form. RGS16 Binds to G(i)-alpha and G(o)-alpha, but not to G(s)-alpha. RGS16 regulates the kinetics of signaling in the phototransduction cascade.

Product Info

Amount : 10 µg
Purification : Greater than 90% as determined by SDS-PAGE.
Content : The RGS16 solution contains 20mM Tris-HCl pH-8, 0.1M NaCl and 20% glycerol.
Storage condition : RGS16 Recombinant Human although stable at 4°C for 30 days, should be stored desiccated below -20°C for periods greater than 30 days. Please avoid freeze-thaw cycles.
Amino Acid : MGSSHHHHHH SSSLVPRGSH MCRTLAAFPT TCLERAKEFK TRLGIFLHKS ELGCDTGSTG KFEWGSKHSK ENRNFSQEDVL GWRESFDLLL SSKNGVAAFH AFLKTEFSEE NLEFWLACEE FKKIRSATKL ASRAHQIFEE FICSEAPKEV NIDHETRELT RMNLQTATAT CFDAAQGKTR TLMEKDSYPR FLKSPAYRDL AAQASAASAT LSSCSLDEPS HT.