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32-3903: GNG4 Recombinant Protein

Alternative Name : Guanine Nucleotide Binding Protein (G Protein) Gamma 4,Guanine Nucleotide-Binding Protein G(I)/G(S)/G(O) Subunit Gamma-4,GNGT4.

Description

Source : Escherichia Coli. GNG4 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 95 amino acids (1-72) and having a molecular mass of 10.4 kDa. GNG4 is fused to a 23 amino acid His-tag at N-terminus. GNG4 belongs to a multigene family and is involved in defining the specificity of receptor-G protein interaction. In mammals, G protein alpha, beta and gamma polypeptides are encoded by no less than 16, 4 and 7 genes, respectively. It is a well-known fact that different G protein complexes expressed in different tissues carry structurally distinct members of the alpha beta and gamma subunits and that privileged connotation between members of subunit families rise G protein functional diversity.

Product Info

Amount :	10 µg
Purification :	Greater than 85% as determined by SDS-PAGE.
Content :	The GNG4 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol.
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 MGSMKEGMSN NSTTSISQAR KAVEQLKMEA CMDRVKVSQA AADLLAYCEA HVREDPLIIP VPASENPFRE KKFFC

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