

32-13248: GNG12 Human

Alternative Name : Guanine Nucleotide Binding Protein (G Protein), Gamma 12, Guanine nucleotide-binding protein G(I)/G(S)/G(O) subunit gamma-12.

Description

Source: Escherichia Coli.

Sterile Filtered colorless solution.

Guanine Nucleotide Binding Protein Gamma 12, also known as GNG12 belongs to the Guanine nucleotide-binding proteins (G proteins) which are involved as a modulator or transducer in a variety of transmembrane signaling systems. In addition, the beta as well as gamma chains are essential for the GTPase activity, for replacement of GDP by GTP, and also for G protein-effector interaction.

GNG12 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 92 amino acids (1-69 a.a) and having a molecular mass of 10.1kDa. GNG12 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Product Info

Amount : 5 µg / 20 µg

Purification : Greater than 85.0% as determined by SDS-PAGE.

Content : GNG12 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0) 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 MGSMSSKTAS TNNIAQARRT VQQLRLEASI ERIKVSKASA DLMSYCEEHA RSDPLLIGIP TSENPFDKK TC.