

## 32-3905: GNG13 Recombinant Protein

**Alternative Name :** Guanine Nucleotide Binding Protein (G Protein), Gamma 13, Clone:H2-35, G Gamma Subunit, G(gamma)13, Guanine Nucleotide Binding Protein 13, Gamma, Guanine Nucleotide-Binding Protein G(I)/G(S)/G(O) Subunit Gamma-13 h2-35, G Gamma Subunit, clone:h2-35,

### Description

Source : Escherichia Coli. GNG13 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 87 amino acids (1-64 a.a) and having a molecular mass of 10.0 kDa. GNG13 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Guanine Nucleotide Binding Protein Gamma 13, also known as GNG13 is a member of the G protein gamma family. Heterotrimeric G proteins, which consist of alpha, beta, and gamma subunits, function as signal transducers for the 7-transmembrane-helix G protein-coupled receptors. GNG13 is the gamma subunit which is expressed in taste, retinal, and neuronal tissues and takes a central part in taste transduction.

### Product Info

**Amount :** 10 µg  
**Purification :** Greater than 80.0% as determined by SDS-PAGE.  
**Content :** GNG13 protein solution (0.25 mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.2M NaCl, 40% glycerol, 2mM DTT and 0.1mM PMSF.  
**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 MGSMEWDVP QMKKEVESLK YQLAFQREMA SKTIPELLKW IEDGIPKDPF LNPDLMKNNP WVEKGKC.

