

## 32-3906: GNGT1 Recombinant Protein

### Alternative Name :

Guanine Nucleotide Binding Protein (G Protein), Gamma Transducing Activity Polypeptide 1, Transducin Gamma Chain, Guanine Nucleotide-Binding Protein G(T) Subunit Gamma-T1, GNG1, Guanine nucleotide-binding protein G(T) subunit gamma-T1.

### Description

Source : Escherichia Coli. GNGT1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 94 amino acids (1-71 a.a) and having a molecular mass of 10.6kDa. GNGT1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Guanine Nucleotide Binding Protein Gamma Transducing 1, also known as GNGT1 is a member of the G protein gamma family. GNGT1 is implicated in various transmembrane signaling systems as a modulator or transducer. In addition GNGT1 (beta & gamma chains) is required for the GTPase activity, for replacement of GDP by GTP, and for G protein- effector interaction.

### Product Info

|                            |  |
|----------------------------|--|
| <b>Amount :</b>            | 20 µg  |
| <b>Purification :</b>      | Greater than 95.0% as determined by SDS-PAGE.  |
| <b>Content :</b>           | GNGT1 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 10% glycerol, 0.1M NaCl and 1mM EDTA.   |
| <b>Storage condition :</b> | 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. |
| <b>Amino Acid :</b>        | MGSSHHHHHH SSGLVPRGSH MGSMPVINIE DLTEKDKLKM EVDQLKKEVT LERMLVSKCC<br>EEVRDYVEER SGEDPLVKGI PEDKNPFKEL KGGC.  |

