

**GNG12, 1-69 aa, Human, His tag, E.coli**

**Cat.NO.: TP02293**

3th Edition

**Synonyms:**Guanine nucleotide-binding protein G(I)/G(S)/G(O)subunit gamma-12, G-protein gamma-12, G gamma12

**Description:**GNG12 also known as Guanine nucleotide-binding protein G(I)/G(S)/G(O)subunit gamma-12. This protein is Guanine nucleotide-binding proteins (G proteins) are involved as a modulator or transducer in various transmembrane signaling systems. The beta and gamma chains are required for the GTPase activity, for replacement of GDP by GTP, and for G protein-effector interaction. Recombinant human GNG12 protein, was expressed in E.coli

**Form:**Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol

**Molecular Weight:**10.1kDa (92aa)

**Sequences:**

MGSSHHHHHSSGLVPRGSHMGSMSSKTASTNNTIAQARRTVQQLRLEASIERIKVSKASADLMSYCEEHARSDPL  
LIGIPTSENPFKDKKTC

**Purity:**> 95% by HPLC

**Concentration:**1mg/ml (determined by Bradford assay)

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.