



Guanine Nucleotide Binding Protein Gamma 4 Human Recombinant

Item Number	rAP-3356
Synonyms	Guanine Nucleotide Binding Protein (G Protein) Gamma 4, Guanine Nucleotide-Binding Protein G(I)/G(S)/G(O) Subunit Gamma-4, GNGT4.
Description	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.
Uniprot Accession Number	P50150
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSMKEGMSN NSTTSISQAR KAVEQLKMEA CMDRVKVSQA AADLLAYCEA HVREDPLIIP VPASENPFRE KKFFC
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered clear solution. 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.
Formulation and Purity	The GNG4 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol. Greater than 85% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**