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**Product Data Sheet**

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Product Name: GNG11 Human  
Cat. No.: GP23578  
Batch No.: 1

**Product Data**

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	GNGT11; Guanine nucleotide-binding protein G(I)/G(S)/G(O) subunit gamma-11; GNG11.		
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSMPALHIE DLPEKEKLKM EVEQLRKEVK LQRQVSKCS EEIKNYIEER SGEDPLVKGI PEDKNPFKEK GSC.		
Formulation	The GNG11 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 10% glycerol and 1mM DTT.		

**Introduction**

Guanine Nucleotide Binding Protein Gamma 11 (GNG11) which belongs to the guanine nucleotide-binding protein (G protein) gamma family encodes a lipid-anchored, cell membrane protein. G proteins act as a modulator or transducer in various transmembrane signaling systems. GNG11 is also subject to carboxyl-terminal processing.

**Stability**

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.

**Background**

GNG11 Human Recombinant produced in E. coli is a single polypeptide chain containing 93 amino acids (1-70) and having a molecular mass of 10.6kDa. GNG11 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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