9051 Mira Mesa Blvd, #910094
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GNGT1 Human

Guanine Nucleotide Binding Protein Gamma Transducing 1 Human Recombinant RCP0946

Product Overview

Name	GNGT1 Human
Description	
Guanine Nucleotide Binding Protein Gamma Transducing 1 Human Recombinant	
Accession (Primary)	P63211
Synonyms	
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.	
Introduction	
Guanine Nucleotide Binding Protein Gamma Transducing 1, also known as GNGT1 is amember 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.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
GNGT1 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 10% glycerol, 0.1M NaCl and 1mM EDTA.	
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.	
Purity	
Greater than 95.0% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGS MPVINIE DLTEKDKLKM EVDQLKKEVT LERMLVSKCC EEVRDYVEER SGEDPLVKGI PEDKNPFKEL KGGC.	
Precautions	

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GNGT1 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P63211)