9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

GNG13 Human

Guanine Nucleotide Binding Protein Gamma 13 Human Recombinant
RCP0944

Product Overview

Name	GNG13 Human
Description	
Guanine Nucleotide Binding Protein Gamma 13 Human Recombinant	
Accession (Primary)	Q9P2W3
Synonyms	
Guanine Nucleotide Binding Protein (G Protein), Gamma 13, Clone:H2-35, G Gamma Subunit, G(gamma)13, Guanine Nucleotide Binding Protein 13, Gamma, Guanine Nucleotide-Binding Protein G(I)/G(S)/G(O) Subunit Gamma-13 h2-35, G Gamma Subunit, clone:h2-35, GNG13.	
Introduction	
Guanine Nucleotide Binding Protein Gamma 13, also known as GNG13 is a member of the G protein gamma family. Heterotrimeric G proteins, which consist of alpha, beta, and gamma subunits, function as signal transducers for the 7-transmembrane-helix G protein-coupled receptors. GNG13 is the gamma subunit which is expressed in taste, retinal, and neuronal tissues and takes a central part in taste transduction.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
GNG13 protein solution (0.25 mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.2M NaCl, 40% glycerol, 2mM DTT and 0.1mM PMSF.	
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 80.0% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGS MEEWDVP QMKKEVESLK YQLAFQREMA SKTIPELLKW IEDGIPKDPF LNPDLMKNNP WVEKGKC.	

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Precautions

GNG13 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q9P2W3)