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

GNG12 Human

Guanine Nucleotide Binding Protein Gamma 12 Human Recombinant
RCP0943

Product Overview

Name	GNG12 Human

Description

Guanine Nucleotide Binding Protein Gamma 12 Human Recombinant

Accession (Primary)	Q9UBI6

Synonyms

Guanine Nucleotide Binding Protein (G Protein), Gamma 12, Guanine nucleotide-binding protein G(I)/G(S)/G(O) subunit gamma-12.

Introduction

Guanine Nucleotide Binding Protein Gamma 12, also known as GNG12 belongs to the Guanine nucleotide-binding proteins (G proteins) which are involved as a modulator or transducer in a variety of transmembrane signaling systems. In addition, the beta as well as gamma chains are essential for the GTPase activity, for replacement of GDP by GTP, and also for G protein-effector interaction.

Source

Escherichia Coli.

Physical Appearance

Sterile Filtered colorless solution.

Formulation

GNG12 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0) and 10% glycerol.

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 85.0% as determined by SDS-PAGE.

Amino acid sequence

MGSSHHHHHH SSGLVPRGSH MGS MSSKTAS TNNIAQARRT VQQLRLEASI ERIKVSKASA DLMSYCEEHA RSDPLLIGIP TSENPFKDKK TC.

Precautions

GNG12 Human is for research use only and not for use in diagnostic or therapeutic procedures.

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

Target Information: (Q9UBI6)