9051 Mira Mesa Blvd, #910094
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GNG4 Human

Guanine Nucleotide Binding Protein Gamma 4 Human Recombinant
RCP0945

Product Overview

Name	GNG4 Human

Description

Guanine Nucleotide Binding Protein Gamma 4 Human Recombinant

Accession (Primary)	P50150

Synonyms

Guanine Nucleotide Binding Protein (G Protein) Gamma 4, Guanine Nucleotide-Binding Protein G(I)/G(S)/G(O) Subunit Gamma-4, GNGT4.

Introduction

GNG4 belongs to a multigene family and is involved in defining the specificity of receptor-G protein interaction. In mammals, G protein alpha, beta and gamma polypeptides are encoded by no less than 16, 4 and 7 genes, respectively. It is a well-known fact that different G protein complexes expressed in different tissues carry structurally distinct members of the alpha beta and gamma subunits and that privileged connotation between members of subunit families rise G protein functional diversity.

Source

Escherichia Coli.

Physical Appearance

Sterile Filtered clear solution.

Formulation

The GNG4 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea 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% as determined by SDS-PAGE.

Amino acid sequence

MGSSHHHHHH SSGLVPRGSH MGS MKEGMSN NSTTSISQAR KAVEQLKMEA CMDRVKVSQA AADLLAYCEA HVREDPLIIP VPASENPFRE KKFFC

Precautions

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GNG4 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P50150)