

Datasheet for ABIN5853493  
**GNG4 Protein (AA 1-72) (His tag)**



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1 Image

## Overview

Quantity:	50 µg
Target:	GNG4
Protein Characteristics:	AA 1-72
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This GNG4 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

## Product Details

Sequence:	MGSSHHHHHH SSSLVPRGSH MGSMKEGMSN NSTTSISQAR KAVEQLKMEA CMDRVKVSQA AADLLAYCEA HVREDPLIIP VPASENPFRE KKFFC
Purity:	> 85 % by SDS - PAGE

## Target Details

Target:	GNG4
Alternative Name:	GNG4 ( <a href="#">GNG4 Products</a> )
Background:	Guanine nucleotide-binding protein G(I)/G(S)/G(O) subunit gamma-4 precursor, also known as GNG4, is members of a multigene family and are implicated in determining the specificity of receptor-G protein interaction. In mammals, G protein alpha, beta and gamma polypeptides are encoded by at least 16, 4 and 7 genes, respectively. GNG4 is becoming increasingly clear that

## Target Details

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different G protein complexes expressed in different tissues carry structurally distinct members of the gamma as well as the alpha and beta subunits and that preferential association between members of subunit families increase G protein functional diversity. Recombinant human GNG4 protein, fused to His-tag at N-terminus, was expressed in E.coli.

Molecular Weight: 10.4 kDa (95aa)

NCBI Accession: [NP\\_001092192](#)

UniProt: [P50150](#)

Pathways: [Myometrial Relaxation and Contraction, Regulation of G-Protein Coupled Receptor Protein Signaling](#)

## Application Details

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Application Notes: Optimal working dilution should be determined by the investigator.

Comment: Denatured

Restrictions: For Research Use only

## Handling

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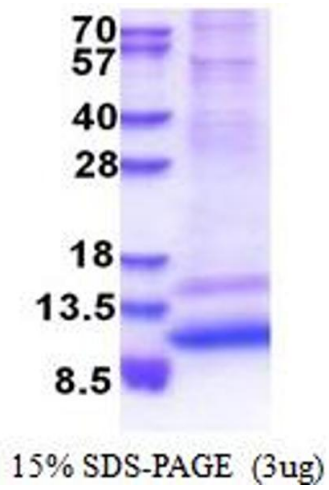
Format: Liquid

Concentration: 0.5 mg/mL

Buffer: Liquid. In 20 mM Tris-HCl buffer ( pH 8.0) containing 0.4M urea, 10 % glycerol

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.



SDS-PAGE

Image 1.