

GNG2 Blocking Peptide (N-Term)

Synthetic peptide

Catalog # BP21903a

Specification

GNG2 Blocking Peptide (N-Term) - Product Information

Primary Accession

[P59768](#)

Other Accession

[P63212](#), [P63213](#), [Q5R7U4](#)**GNG2 Blocking Peptide (N-Term) - Additional Information**

Gene ID 54331

Other Names

Guanine nucleotide-binding protein G(I)/G(S)/G(O) subunit gamma-2, G gamma-I, GNG2

Target/Specificity

The synthetic peptide sequence is selected from aa 19-32 of HUMAN GNG2

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

GNG2 Blocking Peptide (N-Term) - Protein Information

Name GNG2

Function

Guanine nucleotide-binding proteins (G proteins) are involved as a modulator or transducer in various transmembrane signaling systems. The beta and gamma chains are required for the GTPase activity, for replacement of GDP by GTP, and for G protein-effector interaction (By similarity).

Cellular Location

Cell membrane; Lipid-anchor; Cytoplasmic side

Tissue Location

Expressed in fetal tissues, including testis, adrenal gland, brain, white blood cells and brain

GNG2 Blocking Peptide (N-Term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

GNG2 Blocking Peptide (N-Term) - Images

GNG2 Blocking Peptide (N-Term) - Background

Guanine nucleotide-binding proteins (G proteins) are involved as a modulator or transducer in various transmembrane signaling systems. The beta and gamma chains are required for the GTPase activity, for replacement of GDP by GTP, and for G protein- effector interaction (By similarity).

GNG2 Blocking Peptide (N-Term) - References

Modarressi M.H.,et al.Biochem. Biophys. Res. Commun. 272:610-615(2000).
Puhl H.L. III,et al.Submitted (MAR-2002) to the EMBL/GenBank/DDBJ databases.
Bechtel S.,et al.BMC Genomics 8:399-399(2007).
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.
Gauci S.,et al.Anal. Chem. 81:4493-4501(2009).