

**GNG2 Blocking Peptide (N-Term)**  
**Synthetic peptide**  
**Catalog # BP21903a****Specification**

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**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.  
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Gauci S.,et al.Anal. Chem. 81:4493-4501(2009).