

**GNG12 Blocking Peptide (C-Term)**

Synthetic peptide

Catalog # BP21906b

**Specification**

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**GNG12 Blocking Peptide (C-Term) - Product Information**

Primary Accession

[Q9UBI6](#)

Other Accession

[Q28024](#), [Q9DAS9](#), [Q5RBQ0](#)**GNG12 Blocking Peptide (C-Term) - Additional Information****Gene ID** 55970**Other Names**

Guanine nucleotide-binding protein G(I)/G(S)/G(O) subunit gamma-12, GNG12

**Target/Specificity**

The synthetic peptide sequence is selected from aa 57-68 of HUMAN GNG12

**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.

**GNG12 Blocking Peptide (C-Term) - Protein Information****Name** GNG12**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.

**Cellular Location**

Cell membrane; Lipid-anchor; Cytoplasmic side

**GNG12 Blocking Peptide (C-Term) - Protocols**

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

- [Blocking Peptides](#)

**GNG12 Blocking Peptide (C-Term) - Images****GNG12 Blocking Peptide (C-Term) - Background**

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**GNG12 Blocking Peptide (C-Term) - References**

Hurowitz E.H.,et al.DNA Res. 7:111-120(2000).  
Yang L.,et al.Submitted (JAN-1999) to the EMBL/GenBank/DDBJ databases.  
Hu R.-M.,et al.Proc. Natl. Acad. Sci. U.S.A. 97:9543-9548(2000).  
Cook L.A.,et al.Protein Sci. 10:2548-2555(2001).  
Puhl H.L. III,et al.Submitted (MAR-2002) to the EMBL/GenBank/DDBJ databases.