

**GNG5 Blocking Peptide (C-Term)**  
**Synthetic peptide**  
**Catalog # BP22033b****Specification**

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**GNG5 Blocking Peptide (C-Term) - Product Information**

Primary Accession [P63218](#)  
Other Accession [P63217](#), [Q80SZ7](#), [Q5REH7](#), [P63219](#)

**GNG5 Blocking Peptide (C-Term) - Additional Information**

**Gene ID** 2787

**Other Names**

Guanine nucleotide-binding protein G(I)/G(S)/G(O) subunit gamma-5, GNG5, NGT5

**Target/Specificity**

The synthetic peptide sequence is selected from aa 54-63 of HUMAN GNG5

**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.

**GNG5 Blocking Peptide (C-Term) - Protein Information**

**Name** GNG5

**Synonyms** NGT5

**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

**GNG5 Blocking Peptide (C-Term) - Protocols**

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

- [Blocking Peptides](#)

### **GNG5 Blocking Peptide (C-Term) - Images**

### **GNG5 Blocking Peptide (C-Term) - Background**

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### **GNG5 Blocking Peptide (C-Term) - References**

Liu B.,et al.Biochem. Biophys. Res. Commun. 251:88-94(1998).  
Mao M.,et al.Proc. Natl. Acad. Sci. U.S.A. 95:8175-8180(1998).  
Puhl H.L. III,et al.Submitted (MAR-2002) to the EMBL/GenBank/DDBJ databases.  
Kalnine N.,et al.Submitted (MAY-2003) to the EMBL/GenBank/DDBJ databases.  
Ota T.,et al.Nat. Genet. 36:40-45(2004).