

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

Specification

GNG5 Blocking Peptide (C-Term) - Product Information

Primary Accession
Other Accession

[P63218](#)
[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, GNGT5

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 GNGT5

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

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.

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.
Kalinine N.,et al.Submitted (MAY-2003) to the EMBL/GenBank/DDBJ databases.
Ota T.,et al.Nat. Genet. 36:40-45(2004).