

GNG5 Blocking Peptide (C-Term)

Synthetic peptide

Catalog # BP22033b

Specification

GNG5 Blocking Peptide (C-Term) - Product Information

Primary Accession [P63218](#)
Other Accession [P63217](#), [Q80S77](#),
[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

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.

Kalnina N., et al. Submitted (MAY-2003) to the
EMBL/GenBank/DDBJ databases.

Ota T., et al. Nat. Genet. 36:40-45(2004).

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](#)