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CHRM3 Blocking Peptide (C-Term)

Synthetic peptide
Catalog # BP22122b

Specification

CHRM3 Blocking Peptide (C-Term) - Product Information

Primary Accession	P20309
Other Accession	Q9N2A3, Q9N2A4

CHRM3 Blocking Peptide (C-Term) - Additional Information

Gene ID 1131

Other Names
Muscarinic acetylcholine receptor M3, CHRM3

Target/Specificity
The synthetic peptide sequence is selected from aa 402-416 of HUMAN CHRM3

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.

CHRM3 Blocking Peptide (C-Term) - Protein Information

Name CHRM3

Function
The muscarinic acetylcholine receptor mediates various cellular responses, including inhibition of adenylate cyclase, breakdown of phosphoinositides and modulation of potassium channels through

CHRM3 Blocking Peptide (C-Term) - Background

The muscarinic acetylcholine receptor mediates various cellular responses, including inhibition of adenylate cyclase, breakdown of phosphoinositides and modulation of potassium channels through the action of G proteins. Primary transducing effect is Pi turnover.

CHRM3 Blocking Peptide (C-Term) - References

Peralta E.G.,et al.EMBO J. 6:3923-3929(1987).
Bonner T.I.,et al.Neuron 1:403-410(1988).
Kitano T.,et al.Mol. Biol. Evol. 21:936-944(2004).
Puhl H.L. III,et al.Submitted (APR-2002) to the EMBL/GenBank/DDBJ databases.
Gregory S.G.,et al.Nature 441:315-321(2006).

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Cellular Location
Cell membrane; Multi-pass membrane protein. Cell junction, synapse, postsynaptic cell membrane; Multi-pass membrane protein Basolateral cell membrane; Multi-pass membrane protein. Endoplasmic reticulum membrane; Multi-pass membrane protein. Note=Colocalizes with TMEM147 in the endoplasmic reticulum (ER) membrane. TMEM147 impairs its trafficking to the cell membrane leading to its retention in the ER membrane

CHRM3 Blocking Peptide (C-Term) - Protocols

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

- Blocking Peptides