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CHRM4 Blocking Peptide (C-Term)

Synthetic peptide
Catalog # BP21733b

Specification

CHRM4 Blocking Peptide (C-Term) - Product Information

Primary Accession P08173

CHRM4 Blocking Peptide (C-Term) - Additional Information

Gene ID 1132

Other Names
Muscarinic acetylcholine receptor M4, CHRM4

Target/Specificity
The synthetic peptide sequence is selected from aa 221-236 of HUMAN CHRM4

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.

CHRM4 Blocking Peptide (C-Term) - Protein Information

Name CHRM4

Function
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

CHRM4 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 inhibition of adenylate cyclase.

CHRM4 Blocking Peptide (C-Term) - References

Bonner T.I.,et al.Science 237:527-532(1987).
Bonner T.I.,et al.Neuron 1:403-410(1988).
Peralta E.G.,et al.EMBO J. 6:3923-3929(1987).
Puhl H.L. III,et al.Submitted (APR-2002) to the EMBL/GenBank/DDBJ databases.
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.

transducing effect is inhibition of adenylate cyclase.

Cellular Location
Cell membrane; Multi-pass membrane protein. Cell junction, synapse, postsynaptic cell membrane; Multi-pass membrane protein

CHRM4 Blocking Peptide (C-Term) - Protocols

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

- Blocking Peptides