



## **CHRM4 Blocking Peptide (C-Term)**

Synthetic peptide Catalog # BP21733b

### **Specification**

CHRM4 Blocking Peptide (C-Term) - Product Information

Primary Accession <u>P08173</u>

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**

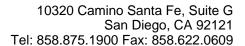
The muscarinic acetylcholine receptor mediates various cellular responses, including inhibition of adenylate cyclase, breakdown of phosphoinositides and modulation of potassium channels through the action of G proteins. Primary

# 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