

CHRNA4 Blocking Peptide (C-term)

Synthetic peptide

Catalog # BP20082b

Specification

CHRNA4 Blocking Peptide (C-term) - Product Information

Primary Accession

[P30926](#)

Other Accession

[NP_000741.1](#)**CHRNA4 Blocking Peptide (C-term) - Additional Information****Gene ID** 1143**Other Names**

Neuronal acetylcholine receptor subunit beta-4, CHRNA4

Target/Specificity

The synthetic peptide sequence is selected from aa 437-450 of HUMAN CHRNA4

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.

CHRNA4 Blocking Peptide (C-term) - Protein Information**Name** CHRNA4**Function**

After binding acetylcholine, the AChR responds by an extensive change in conformation that affects all subunits and leads to opening of an ion-conducting channel across the plasma membrane.

Cellular Location

Postsynaptic cell membrane; Multi-pass membrane protein. Cell membrane; Multi-pass membrane protein

CHRNA4 Blocking Peptide (C-term) - Protocols

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

- [Blocking Peptides](#)

CHRNA4 Blocking Peptide (C-term) - Images

CHRNA4 Blocking Peptide (C-term) - Background

After binding acetylcholine, the AChR responds by an extensive change in conformation that affects all subunits and leads to opening of an ion-conducting channel across the plasma membrane.

CHRNA4 Blocking Peptide (C-term) - References

Zhang, H., et al. Neuropsychopharmacology 35(11):2211-2224(2010)
Saccone, N.L., et al. Genes Brain Behav. 9(7):741-750(2010)
Hansen, H.M., et al. Hum. Mol. Genet. 19(18):3652-3661(2010)
Amos, C.I., et al. J. Natl. Cancer Inst. 102(15):1199-1205(2010)
Li, M.D., et al. PLoS ONE 5 (8), E12183 (2010) :