

CHRNA4 Blocking Peptide (N-Term)

Synthetic peptide

Catalog # BP21830a

Specification

CHRNA4 Blocking Peptide (N-Term) - Product Information

Primary Accession

[P43681](#)**CHRNA4 Blocking Peptide (N-Term) - Additional Information**

Gene ID 1137

Other Names

Neuronal acetylcholine receptor subunit alpha-4, CHRNA4, NACRA4

Target/Specificity

The synthetic peptide sequence is selected from aa 196-208 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 (N-Term) - Protein Information

Name CHRNA4

Synonyms NACRA4

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 permeable to sodium ions.

Cellular Location

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

CHRNA4 Blocking Peptide (N-Term) - Protocols

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

- [Blocking Peptides](#)

CHRNA4 Blocking Peptide (N-Term) - Images

CHRNA4 Blocking Peptide (N-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 permeable to sodium ions.

CHRNA4 Blocking Peptide (N-Term) - References

Monteggia L.M.,et al.Gene 155:189-193(1995).
Steinlein O.K.,et al.Genomics 32:289-294(1996).
Elliott K.J.,et al.J. Mol. Neurosci. 7:217-228(1996).
Groot Kormelink P.J.,et al.FEBS Lett. 400:309-314(1997).
Deloukas P.,et al.Nature 414:865-871(2001).