

Recombinant Human CHRNA4

Catalog No: #GP10620



Package Size: #GP10620-1 100ug

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

Product Name	Recombinant Human CHRNA4
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 331-600 amino acids of human cholinergic receptor, nicotinic, alpha 4 (neuronal)
Target Name	cholinergic receptor, nicotinic, alpha 4 (neuronal)
Other Names	EBN; BFNC; EBN1; NACHR; NACRA4; NACHRA4
Accession No.	Swissprot:P43681Gene Accession:BC096290
Uniprot	P43681
GenID	1137;
Storage	-20~-80°C, pH 7.6 PBS

Background

This gene encodes a nicotinic acetylcholine receptor, which belongs to a superfamily of ligand-gated ion channels that play a role in fast signal transmission at synapses. These pentameric receptors can bind acetylcholine, which causes an extensive change in conformation that leads to the opening of an ion-conducting channel across the plasma membrane. This protein is an integral membrane receptor subunit that can interact with either nAChR beta-2 or nAChR beta-4 to form a functional receptor. Mutations in this gene cause nocturnal frontal lobe epilepsy type 1.?

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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