

CHRNA4 抗原（重组蛋白）

中文名称： CHRNA4 抗原（重组蛋白）

英文名称： CHRNA4 Antigen (Recombinant Protein)

别名： EBN; BFNC; EBN1; NACHR; NACRA4; NACHRA4

储存： 冷冻（-20℃）

相关类别： 抗原

概述

Fusion protein corresponding to a region derived from 331-600 amino acids of human CHRNA4

技术规格

Full name:	cholinergic receptor, nicotinic, alpha 4 (neuronal)
Synonyms:	EBN; BFNC; EBN1; NACHR; NACRA4; NACHRA4
Swissprot:	P43681
Gene Accession:	BC096290
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
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.