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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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CHRNA4 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # : H00001137-T01

規格 : [100 uL]

[List All](#)

Specification

Transfected Cell Line: 293T

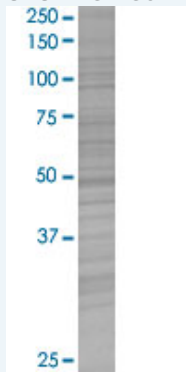
Plasmid: pCMV-CHRNA4 full-length

Host: Human

Theoretical MW (kDa): 49.72

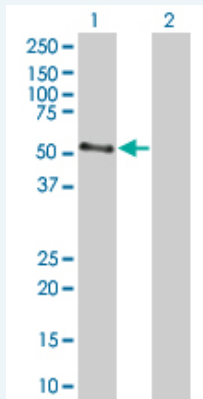
Quality Control Testing: Transient overexpression cell lysate was tested with Anti-CHRNA4 antibody (H00001137-B01) by Western Blots.

SDS-PAGE Gel



CHRNA4 transfected lysate.

Western Blot



Lane 1: CHRNA4 transfected lysate (49.72 KDa)

Lane 2: Non-transfected lysate.

Storage Buffer: 1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

MSDS:  [Download](#)

Applications

Western Blot

Gene Information

Entrez GeneID: [1137](#)

GeneBank [BC096292.1](#)
Accession#:

Protein [AAH96292.1](#)
Accession#:

Gene Name: CHRNA4

Gene Alias: BFNC,EBN,EBN1,FLJ95812,NACHR,NACHRA4,NACRA4

Gene Description: cholinergic receptor, nicotinic, alpha 4

Omim ID: [118504](#), [188890](#), [600513](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: 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. Polymorphisms in this gene that provide protection against nicotine addiction have been described. [provided by RefSeq]

Other Designations: cholinergic receptor, nicotinic, alpha 4 subunit, cholinergic receptor, nicotinic, alpha polypeptide 4, neuronal nicotinic acetylcholine receptor alpha-4 subunit

Related Disease

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[Amphetamine-Related Disorders](#) [Amyotrophic lateral sclerosis](#) [Attention](#)
[Attention Deficit Disorder with Hyperactivity](#) [Autistic Disorder](#) [Bipolar Disorder](#) [Cleft Lip](#)
[Cleft Palate](#) [Cognition](#) [Cognition Disorders](#) [Cues Discrimination \(Psychology\)](#)
[Disease Models, Animal](#) [DNA Damage](#) [Ductus Arteriosus, Patent](#)

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