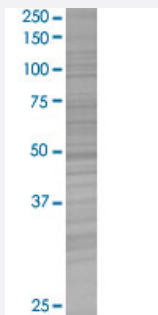


CHRNA4 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00001137-T01

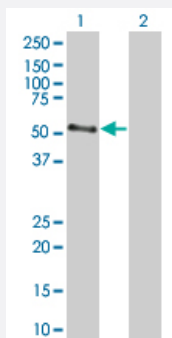
Size 100 uL

Applications



SDS-PAGE Gel

CHRNA4 transfected lysate.



Western Blot

Lane 1: CHRNA4 transfected lysate (49.72 KDa)

Lane 2: Non-transfected lysate.

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.

Applications

- Western Blot

Gene Info — CHRNA4

Entrez GeneID	1137
GeneBank Accession#	BC096292.1
Protein Accession#	AAH96292.1
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

Disease

- [Alcoholism](#)
- [Alcohol-Related Disorders](#)

- [Alzheimer disease](#)
- [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](#)
- [DNA Damage](#)
- [Ductus Arteriosus](#)
- [Epilepsy](#)
- [Exfoliation Syndrome](#)
- [Genetic Predisposition to Disease](#)
- [Infant](#)
- [Memory](#)
- [Motor Neuron Disease](#)
- [NARP](#)
- [Neuropsychological Tests](#)
- [Obesity](#)

- [Ovarian Failure](#)
- [Parkinson disease](#)
- [Pattern Recognition](#)
- [Personality Assessment](#)
- [Polycystic Ovary Syndrome](#)
- [Prenatal Exposure Delayed Effects](#)
- [Psychological Tests](#)
- [Psychomotor Performance](#)
- [Psychoses](#)
- [Puberty](#)
- [Reaction Time](#)
- [Recognition \(Psychology\)](#)
- [Schizophrenia](#)
- [Schizophrenic Psychology](#)
- [Seizures](#)
- [Space Perception](#)
- [Thrombophilia](#)
- [Tobacco Use Disorder](#)
- [Verbal Learning](#)
- [Weight Gain](#)