

Recombinant Full Length Human CHRNA9 Protein, GST-tagged

Cat. No. CHRNA9-3840HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CHRNA9 full-length ORF (AAI11596.1, 1 a.a. - 479 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	479 amino acids
Description	This gene is a member of the ligand-gated ionic channel family and nicotinic acetylcholine receptor gene superfamily. It encodes a plasma membrane protein that forms homo- or hetero-oligomeric divalent cation channels. This protein is involved in cochlea hair cell development and is also expressed in the outer hair cells (OHCs) of the adult cochlea. [provided by RefSeq, Feb 2012]
Molecular Mass	79.64 kDa
AA Sequence	MNWSHSCISFCWIYFAASRLRAAETADGKYAQKLFNDLFEDYSNALRPVEDTDKVL NVTLQITLSQIKDMDERNQILTAYLWIRQIWHDAYLTWDRDQYDGLDSIRIPSDLVWR PDIVLYNKADDESSEPVNTNVVLRDGLITWDAPAITKSSCVVDVTYFPFDNQCCNL TFGSWTYNGNQVDIFNALDSGDLSDFIEDVEWEVHGMPAVKNVISYGCCSEYPYDV TFTLLLKRRSSFYIVNLLIPCVLISFLAPLSFYLPAASGEKVS LGVTILLAMTVFQLMVA EIMPASENVPLIGKYYIATMALITASTALTIMVMNIHFCGAEARVPHWARVVILKYMS RVLFVYDVGESCLSPHHSRERDHLTKVYSKLPESNLKAARNKDLSRKKDMNKRLKN

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DLGCQGKNPQEAESYCAQYKVLTRNIEYIAKCLKDHKATNSKGSEWKKVAKVIDRFF
MWWIFFIMVFMVMTILIIARAD

Applications
Enzyme-linked Immunoabsorbent Assay
Western Blot (Recombinant protein)
Antibody Production
Protein Array

Notes
Best use within three months from the date of receipt of this protein.

Storage
Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer
50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name
CHRNA9 cholinergic receptor nicotinic alpha 9 subunit [Homo sapiens (human)]

Official Symbol
CHRNA9

Synonyms
CHRNA9; cholinergic receptor nicotinic alpha 9 subunit; NACHRA9; HSA243342; neuronal acetylcholine receptor subunit alpha-9; NACHR alpha 9; acetylcholine receptor, neuronal nicotinic, alpha-9 subunit; cholinergic receptor, nicotinic alpha 9; cholinergic receptor, nicotinic, alpha 9 (neuronal); cholinergic receptor, nicotinic, alpha polypeptide 9; neuronal acetylcholine receptor protein, alpha-9 subunit; nicotinic acetylcholine receptor subunit alpha 9

Gene ID
55584

mRNA Refseq
NM_017581

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Protein Refseq NP_060051

MIM 605116

UniProt ID Q9UGM1

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