

Cholinergic Receptor, Nicotinic, Alpha 9 Recombinant Protein | CHRNa9 recombinant protein

Recombinant Cholinergic Receptor, Nicotinic, Alpha 9 (CHRNa9)

CATALOG # AAA150257	HOST E.coli	REACTIVITY Homo sapiens (Human)	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

Cholinergic Receptor; Nicotinic; Alpha 9; Recombinant Cholinergic Receptor; Alpha 9 (CHRNa9); CHR-NA9; CHRNa9; N-AChRA9; NACHRA9; N-AChR-A9; Neuronal Acetylcholine Receptor Alpha 9; CHRNa9 recombinant protein

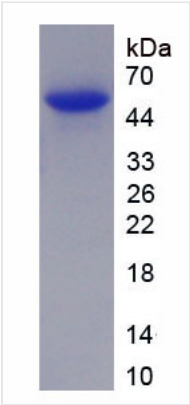
PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Homo sapiens (Human)
Purity/Purification	> 90%
Form/Format	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.
Concentration	Original Concentration: 240ug/mL (varies by lot)
Applicable Applications for CHRNa9 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Ala26~Ser237
Tags	N-terminal His and GST Tag
Subcellular Location	Membrane, Extracellular matrix
Traits	Freeze-dried powder
Predicted isoelectric point	4.2
Usage	Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES

ADGKY AQKLFNDLFE DYSNALRPVE
DTDKVLNVTL QITLSQIKDM DERNOILTAY LKIRQIWHDA YLTNRDQYD
GLDSIRIPSD LVWRPDIVLY NKADDESSEP VNTNVLRYD GLITWDAPAI
TKSSCVVDVT YFFPDNQCN LTFGSHYNG NQVDIFNALD SGDLSDFIED
VEWEVHGMPA VKNVISYGCC SEPYPDVITFT LLLKRRS

Gene Sequence



SDS-PAGE
Figure. SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for CHRNa9 recombinant protein	Signal transduction
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NCBI AND UNIPROT INFORMATION

NCBI GI #	70995130
NCBI GeneID	55584
NCBI Accession #	NP_060051.2
NCBI GenBank Nucleotide #	NP_060051.2
UniProt Accession #	Q9UGM1
Molecular Weight	Predicted Molecular Mass: 54.5kDa Accurate Molecular Mass: 55kDa as determined by SDS-PAGE reducing conditions
NCBI Official Full Name	neuronal acetylcholine receptor subunit alpha-9
NCBI Official Synonym Full Names	cholinergic receptor nicotinic alpha 9 subunit
NCBI Official Symbol	CHRNA9
NCBI Official Synonym Symbols	NACHRA9; HSA243342
NCBI Protein Information	neuronal acetylcholine receptor subunit alpha-9
UniProt Protein Name	Neuronal acetylcholine receptor subunit alpha-9
UniProt Gene Name	CHRNA9
UniProt Synonym Gene Names	NACHRA9; NACHR alpha-9
UniProt Entry Name	ACHA9_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.