

## Recombinant Human CHRNA9 Protein, His&GST-tagged

Cat. No. CHRNA9-781H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human CHRNA9 Protein (Ala26-Ser237) with His&GST tag was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	Ala26-Ser237
<b>Description</b>	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.
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	Predicted Molecular Mass: 54.5 kDa; Accurate Molecular Mass: 55 kDa
<b>Purity</b>	> 90%
<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB.
<b>Stability</b>	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 centigrade for

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48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

**Storage**

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

**Storage Buffer**

20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.

**Reconstitution**

Reconstitute in ddH<sub>2</sub>O to a concentration of 0.1-0.5 mg/mL. Do not vortex.

## 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

**Protein Refseq**

NP\_060051

**MIM**

605116

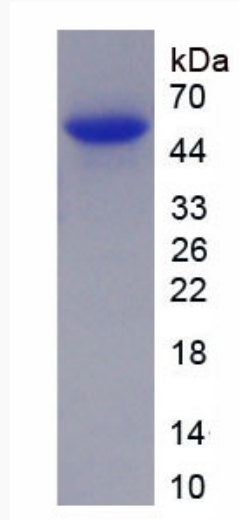
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UniProt ID

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