

Recombinant Mouse Chrna4 protein, His & T7-tagged

Cat. No. Chrna4-1964M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Chrna4 aa. (Ile32~Thr249 (Accession# O70174)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Ile32~Thr249
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 29.4kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	> 90%
Characteristic	The isoelectric point is 5.6.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the

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	Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage Buffer	Supplied as lyophilized form in 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and preservative
Reconstitution	Reconstitute in sterile ddH2O

GENE INFORMATION

Gene Name	Chrna4 cholinergic receptor, nicotinic, alpha polypeptide 4 [Mus musculus (house mouse)]
Official Symbol	Chrna4
Synonyms	Hsp105; heat shock 105/110 protein 1; heat shock 105kDa; heat shock 105kDa/110kDa protein 1; heat shock 110 kDa protein; heat shock protein 105 kDa
Gene ID	11438
mRNA Refseq	NM_015730.5
Protein Refseq	NP_056545.3
UniProt ID	O70174

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