

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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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

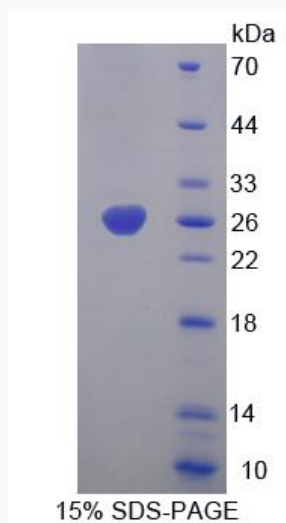
UniProt ID

O70174

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SDS-PAGE

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