

Recombinant Mouse Chrna2 protein, His & T7-tagged

Cat. No. Chrna2-1979M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Chrna2 aa. (Gln28~Leu241 (Accession# Q91X60)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Gln28~Leu241
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 28.8kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	> 90%
Characteristic	The isoelectric point is 5.7.
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 ddH ₂ O.

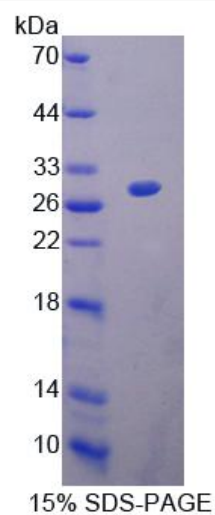
GENE INFORMATION

Gene Name	Chrna2 cholinergic receptor, nicotinic, alpha polypeptide 2 (neuronal) [Mus musculus (house mouse)]
Official Symbol	Chrna2
Synonyms	CYP11A1; SSC; cholesterol side-chain cleavage enzyme, mitochondrial; CYPXIA1; P450 cholesterol side chain cleavage protein; cholesterol desmolase; cytochrome P-450 cholesterol side-chain cleavage enzyme; cytochrome P450 11A1; cytochrome P450(scc)
Gene ID	110902
mRNA Refseq	NM_144803.2
Protein Refseq	NP_659052.1
UniProt ID	Q91X60

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SDS-PAGE

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