

Recombinant Rat Chrm1 protein, His-tagged

Cat. No. Chrm1-5696R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Chrm1 aa. (Arg210~Ala363 (Accession # P08482)) fused with N-terminal His tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Arg210~Ala363
Description	Plays a role in acetylcholine receptor signaling and neuromuscular synaptic transmission.
Form	Freeze-dried powder
Molecular Mass	24kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 9.1.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by

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accelerated thermal degradation test, that is, incubate the protein at 37°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.

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 PBS, pH 7.4, containing 0.1% Sarcosyl, 5% sucrose.

Reconstitution

Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name

Chrm1 cholinergic receptor, muscarinic 1 [*Rattus norvegicus* (Norway rat)]

Official Symbol

Chrm1

Synonyms

Chrm1; cholinergic receptor, muscarinic 1; muscarinic acetylcholine receptor M1; Cholinergic receptor, muscarin 1; m1 muscarinic acetylcholine receptor protein

Gene ID

25229

mRNA Refseq

NM_080773.1

Protein Refseq

NP_542951.1

UniProt ID

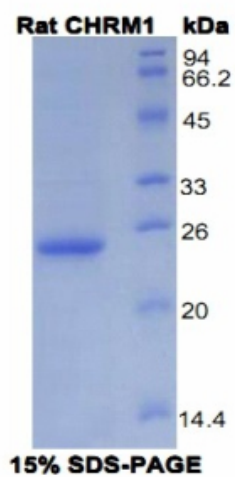
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SDS-PAGE



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