

Datasheet for ABIN7551805

## CHRM5 Protein (AA 1-532) (His tag)



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### Overview

Quantity:	1 mg
Target:	CHRM5
Protein Characteristics:	AA 1-532
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CHRM5 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

### Product Details

Purpose:	Custom-made recombinat CHRM5 Protein expressed in mammalian cells.
Sequence:	<p>MEGDSYHNAT TVNGTPVNHQ PLERHRLWEV ITIAAVTAVV SLITIVGNVL VMISFKVNSQ  LKTVNNYYLL SLACADLIIG IFSMNLYTTY ILMGRWALGS LACDLWLALD YVASNASVMN  LLVISFDRYF SITRPLTYRA KRTPKRAGIM IGLAWLISFI LWAPAILCWQ YLVGKRTVPL  DECQIQFLSE PTITFGTAIA AFYIPVSVMT ILYCRIYRET EKRTKDLADL QGSDSVTKAE  KRKPAHRALF RSCLRCPRPT LAQRERNQAS WSSSRSTST TGKPSQATGP SANWAKAEQL  TTCSSYPSSE DEDKPATDPV LQVYKSQGK ESPGEEFSAE ETEETFVKAE TEKSDYDTPN  YLLSPAAAHR PKSQKCVAYK FRLVVKADGN QETNNGCHKV KIMPCFPVA KEPSTKGLNP  NPSHQMTKRK RVVLVKERKA AQTLSAILLA FIITWTPYNI MVLVSTFCDK CVPVTLWHLG  YWLCYVNSTV NPICYALCNR TFRKTFKMLL LCRWKKKKVE EKLYWQGN SK LP</p> <p><b>Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you</b></p>

## Product Details

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**have a special request, please contact us.**

### Characteristics:

#### Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

### Purity:

> 90 % as determined by Bis-Tris Page, Western Blot

### Grade:

custom-made

## Target Details

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### Target:

CHRM5

### Alternative Name:

CHRM5 ([CHRM5 Products](#))

### Background:

Muscarinic acetylcholine receptor M5,FUNCTION: The muscarinic acetylcholine receptor mediates various cellular responses, including inhibition of adenylate cyclase, breakdown of phosphoinositides and modulation of potassium channels through the action of G proteins. Primary transducing effect is Pi turnover.

### Molecular Weight:

60.1 kDa

### UniProt:

[P08912](#)

### Pathways:

[Synaptic Membrane](#)

## Application Details

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### Application Notes:

In addition to the applications listed above we expect the protein to work for functional studies

Application Details

as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: The buffer composition is at the discretion of the manufacturer.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months