

Datasheet for ABIN7561451

CHRM3 Protein (AA 1-589) (His tag)



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Overview

Quantity:	1 mg
Target:	CHRM3
Protein Characteristics:	AA 1-589
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CHRM3 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Chrm3 Protein expressed in mammalian cells.
Sequence:	<p>MTLHSNSTTS PLFPNISSW VHSPSEAGLP LGTVSQLDSY NISQTSGNFS SNTDSSDPLG</p> <p>GHTIWQVFI AFLTGFLALV TIIGNILVIV AFKVNKQLKT VNNYFLLSLA CADLIIGVIS MNLFTTYIIM</p> <p>NRWALGNLAC DLWLSIDYVA SNASVMNLLV ISFDYFSIT RPLTYRAKRT TKRAGVMIGL</p> <p>AWVISFVLWA PAILFWQYFV GKRTVPPGEC FIQFLSEPTI TFGTAIAAFY MPVTIMTILY</p> <p>WRIYKETEKR TKELAGLQAS GTEAEAENFV HPTGSSRSCS SYELQQQGTK RSSRRKYGGC</p> <p>HFWFTTKSWK PSAEQMDQDH SSSDSWNNND AAASLENSAS SDEEDIGSET RAIYSIVLKL</p> <p>PGHSTILNST KLPSSDNLQV PDKDLGTMDV ERNAHKLQAA KSMDDRNCQ KDFSKLPIQL</p> <p>ESAVDTAKTS DTNSSVDKTT AALPLSFKEA TLAKRFALKT RSQITKRKRM SLIKEKAAQ</p> <p>TLSAILLAFI ITWTPYNIMV LVNTFCDSKI PKTYWNLYGW LCYINSTVNP VCYALCNKTF</p> <p>RTTFKMLLLC QCDKRKRKQ QYQQRQSVIF HKRVPEQAL Sequence without tag. The proposed</p> <p>Purification-Tag is based on experiences with the expression system, a different complexity</p>

of the protein could make another tag necessary. In case you 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

Target:

CHRM3

Alternative Name:

Chrm3 ([CHRM3 Products](#))

Background:

Muscarinic acetylcholine receptor M3 (Mm3 mAChR),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:

66.2 kDa

UniProt:

[Q9ERZ3](#)

Pathways:

[Synaptic Membrane](#)

Application Details

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