

Datasheet for ABIN7560176

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



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Overview

Quantity:	1 mg
Target:	CHRM5
Protein Characteristics:	AA 1-532
Origin:	Mouse
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>MEGESYHNET TVNGTPVNHQ ALERHGLWEV ITIAAVTAVV SLMTIVGNVL VMISFKVNSQ</p> <p>LKTVNNYYLL SLACADLIIG IFSMNLYTTY ILMGRWVLGS LACDLWLALD YVASNASVMN</p> <p>LLVISFDRYF SITRPLTYRA KRTPKRAGIM IGLAWLVSFI LWAPAILCWQ YLVGKRTVPP</p> <p>DECQIQFLSE PTITFGTAIA AFYIPVSVMT ILYCRIYRET EKRTKDLADL QGSDSVAEVK</p> <p>KRKPAHRTLL RSFFSCPRPS LAQVRNQQAS WSSSRSTST TGKPTQATDL SADWEKAEQV</p> <p>TNCSSCPSS DEAKATDPV FQVCKNEAK ESPGKEFNTQ ETKETVSPR TENNDYDTPK</p> <p>YFLSPGAAHR LKSQKCVAYK FRLVVKADGT QETNNGCRKV KIMPCSFVS KDPSTKGLDP</p> <p>HLSHQMTKRK RMVLVKERKA AQTLSAILLA FIITWTPYNI MVLVSTFCDK CVPVTLWHLG</p> <p>YWLCYVNSTI NPICYALCNR TFRKTFKLLL LCRWKKKKVE EKLYWQGNK LP 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 have a</p>

Product Details

special request, please contact us.

Characteristics:	<p>Key Benefits:</p> <ul style="list-style-type: none">• 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). <p>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.</p> <p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p> <p>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.</p>
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Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
Grade:	custom-made

Target Details

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 (By similarity). {ECO:0000250}.
Molecular Weight:	60.3 kDa
UniProt:	Q920H4
Pathways:	Synaptic Membrane

Application Details

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