

Datasheet for ABIN7551804

CHRM4 Protein (AA 1-479) (His tag)



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Overview

Quantity:	1 mg
Target:	CHRM4
Protein Characteristics:	AA 1-479
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CHRM4 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat CHRM4 Protein expressed in mammalian cells.
Sequence:	<p>MANFTPVNGS SGNQSVRLVT SSSHNRYETV EMVFIATVTG SLSLVTVVG N ILVMSIKVN RQLQTVNNYF LFSLACADLI IGAFSMNLYT VYIIKGYWPL GAVVCDLWLA LDYVVSNASV MNLIIISFDR YFCVTKPLTY PARRTTKMAG LMIAAAWVLS FVLWAPAILF WQFVVGKRTV PDNQCFIQFL SNPAVTFGTA IAAFYLPVVI MTVLYIHISL ASRSRVHKHR PEGPKEKKAK TLAFLKSPLM KQSVKKPPPG EAAREELRNG KLEEAPPPAL PPPRPVADK DTSNESSSGS ATQNTKERPA TELSTTEATT PAMPAPPLQP RALNPASRWS KIQIVTKQTG NECVTAIEIV PATPAGMRPA ANVARKFASI ARNQVRKKRQ MAARERKVTR TIFAILLAFI LTWTPYNVMV LVNTFCQSCI PDTVWSIGYW LCYVNSTINP ACYALCNATF KKTFRHLLC QYRNIGTAR</p> <p>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 special request, please contact us.</p>

Product Details

Characteristics:	<div>Key Benefits:</div> <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).
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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
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Grade:	custom-made
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Target Details

Target:	CHRM4
Alternative Name:	CHRM4 (CHRM4 Products)
Background:	Muscarinic acetylcholine receptor M4,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 inhibition of adenylate cyclase.
Molecular Weight:	53.0 kDa
UniProt:	P08173
Pathways:	cAMP Metabolic Process , Inositol Metabolic Process , 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.
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Application Details

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