

Datasheet for ABIN7563512

ABCC9 Protein (AA 1-1546) (His tag)



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Overview

Quantity:	1 mg
Target:	ABCC9
Protein Characteristics:	AA 1-1546
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ABCC9 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Abcc9 Protein expressed in mammalian cells.
Sequence:	MSLSFCGNNI SSYNIYYGVL QNPCFVDALN LVPHVFLFI TFPILFIGWG SQSSKVQIHH NTWLHFPNGHN LRWILTFALL FVHVCEIAEG IVSDSHRASR HLHLFMPAVM GFVATTTIV YYHNIETSNF PKLLALFLY WVMFITKTI KLVKYWQLGW GVSDLRFCIT GVMVILNGLL MAVEINVIRV RRYVFFMNPQ KVKPPEDLQD LGVRFLQPFV NLLSKATYWW MNTLIISAHR KPIDLKAIGK LPIAMRAVTN YVCLKEAYEE QKKKAADHPN RTPSIWLAMY RAFGRPILLS STFRYLADLL GFAGPLCISG IVQRVNEKTN TTREMFPEL SSKEFLENAL VLAFLFLAL ILQRTFLQAS YYVTIETGIN LRGALLAMIY NKILRLSTN LSMGEMTLGQ INNLVAIETN QLMWFLFLCP NLWAMPVQII MGVIILYNLL GSSALVGAIV ILLAPIQYF IATKLAEQK STLDYSTERL KKTNEILKGI KLLKYAWEH IFCKSVEETR MKELSSLKTF ALYTSLSIFM NAAPIAAVL ATFTVTHAYAS GNNLKPAEAF ASLSLFHILV TPLFLLSTVV RFAVKAIISV QKLNEFLSD EIGEDSWRAG EGTLPFESCK KHTGVQSKPI NRKQPGRYHL DSYEQARRLR PAETEDIAIK VTNGYFSWGS GLATLSNIDI RIPTGQLTMI VGQVCGCKSS LLLAILGEMQ

TLEGKVYWNN VNESEPSFEA TRSRSRYSVA YAAQKPWLLN ATVEENITFG SPFNRQRYKA
VTDACSLQPD IDLLPFGDQT EIGERGINLS GGQRQRICVA RALYQNTNIV FLDDPFSALE
IHLSDHLMQE GILKFLQDDK RTVVLVTHKL QYLTHADWII AMKDGSVLRE GTLKDIQTKD
VELYEHWKTL MNRQDQELEK DMEADQTTLE RKTLLRRAMYS REAKAQMEDE DEEEEEEEDE
EDNMSTVMRL RTKMPWKTCW WYLTSGGFFL LFLMIFSKLL KHSVIVAIKY WLATWTSEYS
INHPGKADQT FYVAGFSILC GAGIFLCLVT SLTVEWMGLT AAKNLHHNLL NKIILGPIRF
FDTTPLGLIL NRFSADTNII DQHIPPPTLES LTRSTLLCLS AIGMISYATP VFLVALAPLG VAFYFIQKYF
RVASKDLQEL DDSTQLPLLC HFSETAEGLT TIRAFRHETR FKQRMLELTD TNNIAYLFLS
AANRWLEVRT DYLGACIVLT ASIASISGSS NSGLVGLGLL YALTITNYLN WVVRLNADLE
VQMGAVKKVN SFLTMESENY EGTMDPSQVP EHWPQEGEIK IHDLCVRYEN NLKPVLKHVK
AYIKPGQKVG ICGRTGSGKS SLSLAFFRMV DIFDGKIVID GIDISKPLPH TLRSLIIL QDPILFSGSI
RFNLDPECKC TDDRLWEALE IAQLKNMVKS LPGGLDATVT EGGENFSVGQ RQLFCLARAF
VRKSSILIMD EATASIDMAT ENILQKVMT AFADRTVVTI AHRVSSIVDA GLVLVFSEGI
LVECDTGPNL LQHKNGLFST LVMTNK **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.**

Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.
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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

Target Details

Target:	ABCC9
Alternative Name:	Abcc9 (ABCC9 Products)
Background:	ATP-binding cassette sub-family C member 9 (Sulfonylurea receptor 2),FUNCTION: Subunit of ATP-sensitive potassium channels (KATP). Can form cardiac and smooth muscle-type KATP channels with KCNJ11. KCNJ11 forms the channel pore while ABCC9 is required for activation and regulation.
Molecular Weight:	174.2 kDa
UniProt:	P70170

Application Details

Application Notes:	We expect the protein to work for functional studies. 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