Datasheet for ABIN7551795

ABCC9 Protein (AA 1-1549) (His tag)

Go to Product page

Overview

Quantity:	1 mg
Target:	ABCC9
Protein Characteristics:	AA 1-1549
Origin:	Human
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 SSYNINDGVL QNSCFVDALN LVPHVFLLFI TFPILFIGWG SQSSKVQIHH NTWLHFPGHN LRWILTFALL FVHVCEIAEG IVSDSRRESR HLHLFMPAVM GFVATTTSIV YYHNIETSNF PKLLLALFLY WVMAFITKTI KLVKYCQSGL DISNLRFCIT GMMVILNGLL MAVEINVIRV RRYVFFMNPQ KVKPPEDLQD LGVRFLQPFV NLLSKATYWW MNTLIISAHK KPIDLKAIGK LPIAMRAVTN YVCLKDAYEE QKKKVADHPN RTPSIWLAMY RAFGRPILLS STFRYLADLL GFAGPLCISG IVQRVNETQN GTNNTTGISE TLSSKEFLEN AYVLAVLLFL ALILQRTFLQ ASYYVTIETG INLRGALLAM IYNKILRLST SNLSMGEMTL GQINNLVAIE TNQLMWFLFL CPNLWAMPVQ IIMGVILLYN LLGSSALVGA AVIVLLAPIQ YFIATKLAEA QKSTLDYSTE RLKKTNEILK GIKLLKLYAW EHIFCKSVEE TRMKELSSLK TFALYTSLSI FMNAAIPIAA VLATFVTHAY ASGNNLKPAE AFASLSLFHI LVTPLFLLST VVRFAVKAII SVQKLNEFLL SDEIGDDSWR TGESSLPFES CKKHTGVQPK TINRKQPGRY HLDSYEQSTR RLRPAETEDI AIKVTNGYFS WGSGLATLSN IDIRIPTGQL TMIVGQVGCG KSSLLLAILG

	EMQTLEGKVH WSNVNESEPS FEATRSRNRY SVAYAAQKPW LLNATVEENI TFGSPFNKQR YKAVTDACSL QPDIDLLPFG DQTEIGERGI NLSGGQRQRI CVARALYQNT NIVFLDDPFS ALDIHLSDHL MQEGILKFLQ DDKRTLVLVT HKLQYLTHAD WIIAMKDGSV LREGTLKDIQ TKDVELYEHW KTLMNRQDQE LEKDMEADQT TLERKTLRRA MYSREAKAQM EDEDEEEEEE EDEDDNMSTV MRLRTKMPWK TCWRYLTSGG FFLLILMIFS KLLKHSVIVA IDYWLATWTS EYSINNTGKA DQTYYVAGFS ILCGAGIFLC LVTSLTVEWM GLTAAKNLHH NLLNKIILGP IRFFDTTPLG LILNRFSADT NIIDQHIPPT LESLTRSTLL CLSAIGMISY ATPVFLVALL PLGVAFYFIQ KYFRVASKDL QELDDSTQLP LLCHFSETAE GLTTIRAFRH ETRFKQRMLE LTDTNNIAYL FLSAANRWLE VRTDYLGACI VLTASIASIS GSSNSGLVGL GLLYALTITN YLNWVVRNLA DLEVQMGAVK KVNSFLTMES ENYEGTMDPS QVPEHWPQEG EIKIHDLCVR YENNLKPVLK HVKAYIKPGQ KVGICGRTGS GKSSLSLAFF RMVDIFDGKI VIDGIDISKL PLHTLRSRLS IILQDPILFS GSIRFNLDPE CKCTDDRLWE ALEIAQLKNM VKSLPGGLDA VVTEGGENFS VGQRQLFCLA RAFVRKSSIL IMDEATASID MATENILQKV VMTAFADRTV VTIAHRVSSI MDAGLVLVFS EGILVECDTV PNLLAHKNGL FSTLVMTNK **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)

Product Details

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. {ECO:0000269|PubMed:9831708}.
Molecular Weight:	174.2 kDa
UniProt:	O60706

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