

Datasheet for ABIN7565193

ABCC6 Protein (AA 1-1498) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	ABCC6
Protein Characteristics:	AA 1-1498
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ABCC6 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Abcc6 Protein expressed in mammalian cells.
Sequence:	<p>MNRGRSMATP GEQCAGLRVW NQTEQEPAAY HLLSLCFVRA ASSWVPPMYL WVLGPIYLLY</p> <p>IHRHGRCYLR MSHLFKTKMV LGLALILLYT FNAVAVPLWRI HQGVPPQAPEL LIHPTVWLTT</p> <p>MSFATFLIHM ERRKGVRSSG VLFGYWLLCC ILPGINTVQQ ASAGNFRQEP LHHLATYLCL</p> <p>SLVVAELVLS CLVDQPPFFS EDSQPLNCP EAEASFPSKA MFWWASGLLW RGYKLLGPK</p> <p>DLWSLGRENS SEELVSQLER EWRRSCNGLP GHKGHSSVGA PETEAFMQPE RSQRGPLLRA</p> <p>IWRVFRSTFL LGTSLVISD AFRFAVPKLL SLFLEFMGDR NSSAWTGWLL AVLMMFAAACL</p> <p>QTLFEQQHMY RAKVLQMRLR TAITGLVYRK VLVSSGSRK SSAAGDVNL VSVDIQRLAE</p> <p>SIIYLNGLWL LFLWIFVCFV YLWQLLGPSA LTAVAVFLSL LPLNFFITKK RGFHQEEQMR</p> <p>QKASRARLTS SMLRTVRTIK SHGWEHAFLE RLLHIRGQEL SALKTSTLLF SVSLVSFQVS</p> <p>TFLVALVFA VHTLVAEDNA MDAEKAFVTL TVLSILNKAQ AFLPFSVHCI VQARVSFDRL</p> <p>AAFLCLEEVD PNGMIASNSR RSSKDRISVH NGTFAWSQES PPCLHGINLT VPQGCLLAVV</p> <p>GPVGAGKSSL LSALLGELLK VEGSVSIEGS VAYVPQEAWV QNTSVVENVC FRQELDLPWL</p>

QKVLDACALG SDVASFPAGV HTPIGE QGMN LSGGQKQRLS LARAVYKKAA IYLLDDPLAA
LDAHVSQQVF KQVIGPSGLL QGTTRILVTH TLHVLPQADR ILVLANGTIA EMGSYQDLLQ
RNGALVGLLD GARQPAGTHD AATSDDLGGF PGGGRPTCRP DRPRPTEAAP VKGRSTSEVQ
MEASLDDPEA TGLTAEEDSV RYGRVKTTIY LSYLRAVGTP LCTYTLFLFL CQQVASFSQG
YWLSLWADDP VVDGRQMHAALRGWVFGLLG CLQAIGLFAS MAAVFLGGAR ASGLLFRSLL
WDVARSPIGF FERTPVGNLL NRFSKETDTV DVDIPDKLRS LLTYAFGLLE VGLAVTMATP
LAIVAILPLM VLYAGFQSLY VATSCQLRRL ESARYSSVCS HMAETFQGS L VVRAFRAQAS
FTAQHDALMD ENQRVSFPKL VADRWLATNL ELLGNGLVFV AATCAVLSKA HLSAGLVGFS
VSAALQVTQT LQWVVRSWTD LENSMAVER VQDYARIPKE APWRLPTCAA QPLWPCGGQI
EFRDFGLRHR PELPLAVQGV SLKIHAGEKV GIVGRTGAGK SSLAWGLLRL QEAAEGNIWI
DGPVITHVGL HTLRSRITII PQDPVLFPGS LRMNLDLLQE HTDEGIWAAL ETVQLKAFVT
SLPGQLQYEC AGQGDDLSVG QKQLLCLARA LLRKTQILIL DEATASVDPG TEMQMQAAL
RWFTQCTVLL IAHRLRSVMD CARVLVMDEG QVAESGSPAQ LLAQKGLFYR LAHESGLA

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:	<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>
Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

Target Details

Target:	ABCC6
Alternative Name:	Abcc6 (ABCC6 Products)
Background:	<p>ATP-binding cassette sub-family C member 6 (EC 7.6.2.-) (EC 7.6.2.3) (Multidrug resistance-associated protein 6),FUNCTION: ATP-dependent transporter of the ATP-binding cassette (ABC) family that actively extrudes physiological compounds, and xenobiotics from cells. Mediates ATP-dependent transport of glutathione conjugates such as leukotriene-c4 (LTC4) and N-ethylmaleimide S-glutathione (NEM-GS) (in vitro), and an anionic cyclopentapeptide endothelin antagonist, BQ-123. May contribute to regulate the transport of organic compounds in testes across the blood-testis-barrier (By similarity). {ECO:0000250 UniProtKB:O95255}., FUNCTION: Mediates the release of nucleoside triphosphates, predominantly ATP, into the circulation, where it is rapidly converted into AMP and the mineralization inhibitor inorganic pyrophosphate (PPi) by the ecto-enzyme ectonucleotide pyrophosphatase phosphodiesterase 1 (ENPP1), therefore playing a role in PPi homeostasis. {ECO:0000250 UniProtKB:O95255}.</p>
Molecular Weight:	164.9 kDa
UniProt:	Q9R1S7

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