

Datasheet for ABIN7562060  
**ABCC3 Protein (AA 1-1523) (His tag)**



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## Overview

Quantity:	1 mg
Target:	ABCC3
Protein Characteristics:	AA 1-1523
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ABCC3 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant Abcc3 Protein expressed in mammalian cells.
Sequence:	MDRLCGSGEL GSKFWDNLS IYTNTDLP TP CFQNSLLAWV PCIYLWAALP CYLFYLRHHQ LGYIVLSWLS RLKTALGVLL WCVSWVDLFY SFHGLIHGSS PAPVFFVTPL VVGITMLLAT LLIQYERLRG VQSSGVLIIF WLLCVICAI PFRSKLSAL AEGKILDPFR FTTFYIFAL VFCALILSCF KEKPPLFSPE NLDTNPCPEA SAGFFSRLSF WWFTRLAILG YRRPLEDRDL WSLSEEDCSH KVVQRLLEAW QKQQNQASRS QTATAEPKIP GEDAVLLKPR PKSKQPSFLR ALVRTFTSSL LMSACFNLIQ NLLGFVNPQL LSILIRFISD PTAPTWWGFL LAGLMFLSST MQTLILHQYY HCIFVMALRL RTAIGVIYR KALVITNSVK RESTVGEMVN LMSVDAQRFM DVSPFINLLW SAPLQVILAI YFLWQILGPS ALAGVAVIVL LIPLNGAVSM KMKTYQVKQM KFKDSRIKLM SEILNGIKVL KLYAWEPSFL EQVKGIRQSE LQLLRKGAYL QAISTFIWIC TPFLVTLITL GVVYVYDESN VLDAEKAFVS LSLFNILKIP LNMLPQLISG LTQASVSLKR IQDFLNQNEL DPQCVERKTI SPGYAITIHN GTFTWAQDLP PTLHSLNIQI PKGALVAVVG PVGCGKSSLV SALLGEMEKL EGVVSVKGSV AYVPQQAWIQ NCTLQENVLF GQPMNPKRYQ QALETCALLA

DLDLVLPGGDQ TEIGEKGINL SGGQRQRVSL ARAVYSDANI FLLDDPLSAV DSHVAKHIFD  
QVIGPEGVLA GKTRVLVTHG ISFLPQTDFI IVLAGGQVSE MGHYSALLQH DGSFANFLRN  
YAPDEDQEDH EAALQNANEE VLLLEDTLST HTDLTDNEPA IYEVKQFMR EMSSLSSEGE  
VQNRTMPKKH TNSLEKEALV TTKKETGALI KEEIAETGNV KLSVYWDYAK SMGLCTTLSI  
CLLYGGQSAA AIGANVWLSA WSNDAEEHGQ QNKTSVRLGV YAALGILQGL LVMLSAFTMV  
VGAIQAARLL HEALLHNKIR SPQSFFDTPP SGRILNRFK DIYVIDEVLPTILMLLSNF FTSISTIMVI  
VASTPLFMVV VLPLAVLYGF VQRFYVATSR QLKRLISISR SPIFSHFSET VTGTSVIRAY  
GRIQDFKVLSDTKVDNNQKS SYPYIASNRW LGVHVEFVGN CVVLFAALFA VIGRNSLNPG  
LVGLSVSYAL QVTMALNMMI RMISDLESNI IAVERVKEYS KTKTEAPWVW ESNRAPEGWP  
TRGMVEFRNY SVRYRPGLEL VLKNVTVHVQ GGEKVGIVGR TGAGKSSMTL CLFRILEAAE  
GEIVIDGLNV AHIGHLDLRS QLTIPQDPI LFSGTLRMNL DPFGRYSEED IWRALELSHL  
NTFVSSQPAG LDFQCAEGGD NLSVGQRQLV CLARALLRKS RVLVLDEATA AIDLETDDLI  
QGTIRTQFED CTVLTIAHRL NTIMDYNRVL VLDKGVVAEF DSPVNLIAAG GIFYGMMAKDA GLA

**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.**

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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.

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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.

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

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Grade: custom-made

## Target Details

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Target:	ABCC3
Alternative Name:	Abcc3 ( <a href="#">ABCC3 Products</a> )
Background:	<p>ATP-binding cassette sub-family C member 3 (EC 7.6.2.-) (EC 7.6.2.2) (EC 7.6.2.3) (Canalicular multispecific organic anion transporter 2) (Multidrug resistance-associated protein 3),FUNCTION: ATP-dependent transporter of the ATP-binding cassette (ABC) family that binds and hydrolyzes ATP to enable active transport of various substrates including many drugs, toxicants and endogenous compound across cell membranes. Transports glucuronide conjugates such as bilirubin diglucuronide, estradiol-17-beta-o-glucuronide and GSH conjugates such as leukotriene C4 (LTC4) (By similarity). Transports also various bile salts (taurocholate, glycocholate, taurochenodeoxycholate-3-sulfate, tauroolithocholate- 3-sulfate) (By similarity). Does not contribute substantially to bile salt physiology but provides an alternative route for the export of bile acids and glucuronides from cholestatic hepatocytes (PubMed:15814571, PubMed:16225954). May contribute to regulate the transport of organic compounds in testes across the blood-testis-barrier (By similarity). {ECO:0000250 UniProtKB:O15438, ECO:0000269 PubMed:15814571, ECO:0000269 PubMed:16225954}.</p>
Molecular Weight:	169.2 kDa
UniProt:	<a href="#">B2RX12</a>

## Application Details

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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

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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