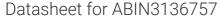
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ABCC2 Protein (AA 1-1543) (rho-1D4 tag)



Image



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Overview

Quantity:	1 mg
Target:	ABCC2
Protein Characteristics:	AA 1-1543
Origin:	Mouse
Source:	Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ABCC2 protein is labelled with rho-1D4 tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS), ELISA, Crystallization (Crys)

Product Details

Sequence:

MDEFCNSTFW NLSLLKSPEA DLPLCFEQTV LVWIPLGFLW LLAPWQLYRI YRSRTKRFAI
TKFYLAKQVF VVCLLILAAI DLSLALTEDT GQATIPPVKY TNPILYLCTW LLVLVIQHCR
QCCIQKNSWF LSMFWILSLL CGIFQFQTLI RALLQDSKSN MTYSCLFFVS YGFQIVILIL
SAFSESSDST HAPSATASFL SSVTFSWYDS TVLKGYKHPL TIEDVWDIEE NLKAKSLTSK
FKTIMTKDLQ KARQALQRRL KKSQQSPEGT SHGLTKKQSQ SQDVLVLEDS KKKKKKSEAT
KDFPKSWLVK ALFKTFYVVI LKSFILKLAH DILLFLNPQL LKFLIGFVKD PDSYPWVGYI
YAILMFSVTL IQSFFLQCYF QFCFVLGMTV RTTIIASVYK KALTLSNLAR RQYTIGETVN
LMSVDSQKLM DVTNYIHLLW SSVLQIALSI FFLWRELGPS ILAGVGLMVL LVPVNGVLAT
KIRKIQVQNM KNKDKRLKIM NEILSGIKIL KYFAWEPSFK EQVNSIRKKE LRNLLRFSQL
QTILIFILHL TPTLVSVITF SVYVLVDSQN VLNAEKAFTS ITLFNILRFP LAMLPMVISS VIQASVSVDR
LEQYLGSDDL DLSAIRHVCH FDKAVQFSEA SFTWDRDLEA TIQDVNLDIK PGQLVAVVGT
VGSGKSSLIS AMLGEMENVH GHITIKGSIA YVPQQAWIQN GTIKDNILFG SEYDEKKYQR

VIEACALLPD LEMLPGGDMA EIGEKGINLS GGQKHRVSLA RATYQDADIY ILDDPLSAVD
THVGKHIFNK VVGPNGLLSG KTRILVTHGI HFLPQVDEIV VLGKGTILEK GSYSDLMDKK
GVFAKNWKTF MKHSGPEGEA TVDNDSEEED GDCGLIPTVE EIPDDAASLT MRRENSLRRT
LSRSSRSGSR RGKSLKSSLK IKSVNALNKK EEVVKGQKLI KKEFVETGKV KFSIYLKYLQ
AVGWWSLLFI VIFYVLNYVA FIGTNLWLSA WTSDSEKQNG TDNSPSQRDM RIGVFGALGI
AQGIFLLSSS LWSIYACRNA SKTLHRQLLT NILRAPMSFF DTTPTGRIVN RFAGDISTVD
DTLPQTLRSW LLCFFGIVST LVMICMATPI FIIIIIPLSI LYVSVQVFYV ATSRQLRRLD SVTKSPIYSH
FSETVSGLPV IRAFEHQQRF LANSEKQIDT NQKCVFSWIT SNRWLAIRLE LVGNLIVFCS
ALLLVIYKNS LTGDTVGFVL SNALNITQTL NWLVRMTSEV ETNIVAVERI NEYINVDNEA
PWVTDKKPPA DWPKKGEIQF NNYQVRYRPE LDLVLKGITC NIKSTEKVGV VGRTGAGKSS
LTNCLFRILE SAGGQIIIDG IDIASIGLHD LRGRLTIIPQ DPILFSGNLR MNLDPFNKYS DEEIWRALEL
AHLKSFVAGL QLGLLHEVTE GGDNLSIGQR QLLCLGRAVL RKSKILVLDE ATAAVDLETD
SLIQTTIRNE FSQCTVITIA HRLHTIMDSD KIMVLDSGKI VEYGSPEELL SNMGPFYLMA
KEAGIESVNH TEL

Sequence without tag. Tag location is at the discretion of the manufacturer. If you have a special request, please contact us.

Characteristics:

- Made in Germany from design to production by highly experienced protein experts.
- Mouse Abcc2 Protein (raised in Insect Cells) purified by multi-step, protein-specific process to ensure crystallization grade.
- 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 will ensure that you receive a correctly folded protein.

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.

In the unlikely event that the protein cannot be expressed or purified we do not charge anything (other companies might charge you for any performed steps in the expression process for custom-made proteins, e.g. fees might apply for the expression plasmid, the first expression experiments or purification optimization).

When you order this made-to-order protein you will only pay upon receival of the correctly folded protein. With no financial risk on your end you can rest assured that our experienced protein experts will do everything to make sure that you receive the protein you ordered. The concentration of our recombinant proteins is measured using the absorbance at 280nm. The protein's absorbance will be measured in several dilutions and is measured against its specific reference buffer.

Product Details

	The concentration of the protein is calculated using its specific absorption coefficient. We
	the Expasy's protparam tool to determine the absorption coefficient of each protein.
Purification:	Three step purification of membrane proteins expressed in baculovirus infected SF9 insect
	cells:
	 Membrane proteins are fractioned by ultracentrifugation and subsequently solubilized with different detergents (detergent screen). Samples are analyzed by Western blot. The best performing detergent is used for solubilization and the proteins are purified via their rho1D4 tag via two rho1D4 antibody columns: one DTT resistant, the other one not. Eluate
	fractions are analyzed by Western blot.
	 Protein containing fractions of the best purification are subjected to second purification step through size exclusion chromatograph. Eluate fractions are analyzed by SDS-PAGE and Western blot.
Purity:	>95 % as determined by SDS PAGE, Size Exclusion Chromatography and Western Blot.
Sterility:	0.22 μm filtered
Endotoxin Level:	Protein is endotoxin-free.
Grade:	Crystallography grade
Target Details	
Target:	ABCC2
Alternative Name:	Abcc2 (ABCC2 Products)
Background:	Mediates hepatobiliary excretion of numerous organic anions. May function as a cellular
	cisplatin transporter (By similarity). {ECO:0000250}.
Molecular Weight:	174.8 kDa Including tag.
UniProt:	Q8VI47
Pathways:	Hormone Transport
Application Details	
Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies
Application Notes.	as well. As the protein has not been tested for functional studies yet we cannot offer a gurantee though.

Application Details

	molecular weight tag (e.g. GST-tag) instead to increase solubility. We will discuss all possible
	options with you in detail to assure that you receive your protein of interest.
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	100 mM NaCL, 20 mM Hepes, 10% glycerol. pH value is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
0.1	20.10
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	Unlimited (if stored properly)

Images

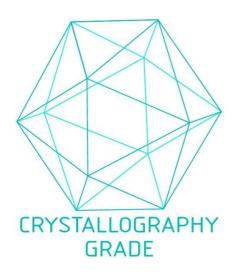


Image 1. "Crystallography Grade" protein due to multi-step, protein-specific purification process