

Datasheet for ABIN7564669
ABCA9 Protein (AA 1-1623) (His tag)



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Overview

Quantity:	1 mg
Target:	ABCA9
Protein Characteristics:	AA 1-1623
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ABCA9 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Abca9 Protein expressed in mammalien cells.
Sequence:	MRKRHLRLGQ QMWALLCKNW LRKFRMRRET LLEWLFSLLL ILFVYQLSSN LHQVHDAPEM SVVDLGRVDN FNDSNYMMVF APESEATHEI MNKVASAPFM KGRTIVACPD EKSMNELDLN YSIDAVRVIF KDTFSYHLKF SWGQRIPKTK EHKDHSAPCE PLNNKMICEN SAFWEKGFVA FQAAINAGII EMITNHSVME ELMSVIGSNM KMPPFIAQGG VATDFFIFFC VISFSSLIYY LSVNITQERQ YMTTLMAMMG LRESAFWLSW SLMYAGFILV VAVLMSLIVK SAQVVVLTGF MVFLLFLFY GLSLITLSFL MSVLIKKPFL TGLAIFILTV FWGSLGFTAL YKHLPAFVEW TLCFLSPFAF TTGMAQLIHL DYDVNSNVNL NSPNNSYLIM ATLFMLVLDA LLYLVLALYF DKITLSKYGH QRSPLFFLKS SYWFKRRGAS HVVLENEIDS DPSLNDSELP VSPEFQGKEA IRIKNLKKEY SGKHKVEAL RGLGFDIYEG QITALLGHSG AGKTTLINTL SGLSPPTTGS VTIYNQTVSE MDDSDAVLTI TGVCPSNVQ FGFLTVRENL RLFKIKGIL PHEVEQEVQQ VLQDLEMENI QDILAQNL SG GQKRKLTGI AILGDPQVLL LDEPTAGLDP LSRHRIWNLL

KERRAGRVIV FSTQFMDEAD ILADRKVFIS NGRLLKACAGSS LFLKKKWGIG YHLSLHLNEA
CDPEGITSLV KKHISDARLT TQSEERLVYI LPLERTNKFP DLYRDLDRCS NQGIEDYGVG
MTTLNEVFLK LEGKSMADDES DVGICGRLQS DGARDMESLV ELEQVLSLDS SGSSVSGMAL
WRQQLCVAVK VRFFKLKNER KSLMTVLLLF GISFVPQLE HLVEYKVVHKS YSWGLSPSMY
FLSPGQPPQD PLTHLLVINR TGSSIDNFVH ALRQQGIALD LDALGTRNGT EEALYNGAIT
VLGEEKALRF SVACNAKRLN CFPVLMDIIS NGLLGIFNSS ERIQTDRSTV FEEHMLYEYG
FMSNAFFWIP VAASLTPYIA MGSISDHKKK VLSQLWTSG L YPSAYWCGQA LVDIPIYFLI
LFLMQIMDSV FSSEEFISVM ELLIQIPCS IGYASSLIFM TYVISFIFRN GRKNSGIWSF FFLIVTIFFI
IATDINEYGF LELLICTFLV PPFTLIGSLL IFSEVSYSVS DYLGTSESQ L VFLALLIPYL HFLFFFILR
CLERYLRKKS LRVPVFRIS PRSCPAVNP EEPGEEDEDV QMERVRTTGA MATLQTDEKP
VIIASCLRKE YIGRTKRCFS KMKKKIATR N ISFCVKKGEV LGLLGHNAG KSTTISMITG
DTIPTAGQVF LKSGGGGAAL GFLGYCPQEN VLWPNLT VKE HLELYAAVKG LKKKDAVVTI
TRLVNALKLQ DHLKALVRTL SEGVKRKLCF VLSILGNPPV VLLDEPSTGM DPEGQQQMWWQ
AIRATFTNTE RGALLTTHYM AEAEAVCDRV AIMVSGRLRC IGSIQHLKSK FGKDYLLEMK
VKTPSQVEPL NTEIMRLFPQ AARQERYSSL M VYKLPVEDV RPLSEAFFKL ERLKENFDLE
EYLSQSTLE QVFLELSKEQ ELDDFGEEAN SSVKWKLLPQ EEL **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.**

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, Western Blot

Product Details

Grade: custom-made

Target Details

Target:	ABCA9
Alternative Name:	Abca9 (ABCA9 Products)
Background:	ATP-binding cassette sub-family A member 9 (EC 7.6.2.-),FUNCTION: Transporter that may play a role in monocyte differentiation and lipid transport and homeostasis. {ECO:0000250 UniProtKB:Q8IUA7}.
Molecular Weight:	183.1 kDa
UniProt:	Q8K449

Application Details

Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies as well. 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