

Datasheet for ABIN7551760

ABCA9 Protein (AA 1-1624) (His tag)



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Overview

Quantity:	1 mg
Target:	ABCA9
Protein Characteristics:	AA 1-1624
Origin:	Human
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 mammalian cells.
Sequence:	MSKRRMSVGQ QTWALLCKNC LKKWRMKRQT LLEWLFSLL VLFLYLFFSN LHQVHDTQM SSMDLGRVDS FNDTNYVIAF APESKTTQEI MNKVASAPFL KGRTIMGWPD EKSMDELDLN YSIDAVRVIF TDTFSYHLKF SWGHRIPMMK EHRDHAHCQ AVNEKMKCEG SEFWKEGFVA FQAAINAAII EIATNHSVME QLMSVTGVHM KILPFVAQGG VATDFFIFFC IISFSTFIYY VSVNVTQERQ YITSLMTMMG LRESAFWLSW GLMYAGFILI MATLMALIVK SAQIVVLTGF VMVFTLFLLY GLSLITLAFI MSVLIKKPFL TGLVVFLLIV FWGILGFPAL YTRLPAFLEW TLCLLSPFAF TVGMAQLIHL DYDVNSNAHL DSSQNPYLII ATLFMLVFDT LLYLVLTLYF DKILPAEYGH RCSPLFFLKS CFWFQHGRAN HVVLENETDS DPTPNDCFEP VSPEFCGKEA IRIKNLKKEY AGKERVEAL KGVVFDIYEG QITALLGHSG AGKTTLLNIL SGLSVPTSGS VTVYNHTLSR MADIENISKF TGFCPQSNVQ FGFLTVKENL RLFKIKIGIL PHEVEKEVQR VVQELEMENTI QDILAQNLGS GQNRKLTFGI AILGDPQVLL LDEPTAGLDP LSRHRIWNLL

KEGKSDRVIL FSTQFIDEAD ILADRKVFIS NGKLKCAGSS LFLKKKWGIG YHLSLHLNER
CDPESITSLV KQHISDAKLT AQSEEKLVYI LPLERTNKFP ELYRDLDRCS NQGIEDYGVS
ITTLNEVFLK LEGKSTIDES DIGIWGQLQT DGAKDIGSLV ELEQVLSSFH ETRKTISGVA
LWRQQVCAIA KVRFLKLLKE RKSLWTILLL FGISFIPQLL EHLFYESYQK SYPWELSPNT
YFLSPGQQPQ DPLTHLLVIN KTGSTIDNFL HSLRRQNIAI EVDAFGTRNG TDDPSYNGAI
IVSGDEKDHR FSIACNTKRL NCFPVLLDVI SNGLLGIFNS SEHIQTDRST FFEEHMDYIEY
GYRSNTFFWI PMAASFPTYI AMSSIGDYKK KAHSQRLISG LYP SAYWFGQ ALVDVSLYFL
ILLMQIMDY IFSPEEIFI IQNLLIQILC SIGYVSSLVF LTYVISFIFR NGRKNNGIWS FFFLIVVIFS
IVATDLNEYG FLGLFFGTML IPPFTLIGSL FIFSEISPD MDYLGASESE IVYLALLIPY LHFLIFLFI
RCLEMNCRKK LMRKDPVFRI SPRSNAIFPN PEEPEGEEED IQMERMRTVN AMAVRDFDET
PVIIASCLRK EYAGKKKNCF SKRKKKIATR NVSFCVKKGE VIGLLGHNGA GKSTTIKMIT
GDTKPTAGQV ILKGSGGGEP LGFLGYCPQE NALWPNLTVR QHLEVYAAVK GLRKGDMAMIA
ITRLVDALKL QDQLKAPVKT LSEGIKRKLC FVLSILGNPS VVLLDEPSTG MDPEGQQQMW
QVIRATFRNT ERGALLTTHY MAEAEAVCDR VAIMVSGRLR CIGSIQHLKS KFGKDYLLEM
KLKNLAQMEP LHAELRLFP QAAQQERFSS LMVYKLPVED VRPLSQAFFK LEIVKQSFDL
EEYSLSQSTL EQVFLELSKE QELGDLEEDF DPSVKWKLLL QEEP **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:0000305 PubMed:12150964}.
Molecular Weight:	184.4 kDa
UniProt:	Q8IUA7

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