

Datasheet for ABIN7564667

ABCA8A Protein (AA 1-1620) (His tag)[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	ABCA8A
Protein Characteristics:	AA 1-1620
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ABCA8A protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Abca8a Protein expressed in mammalian cells.
Sequence:	MVKREINVCQ QTWALLCKNL LRKRLKRDT FLEFLYTALI LLSLILFLQL HEVYDFSSLP DVDLGRIDSF NDSTFMIVYT PITPTTQRIM DRVSLVSYMT GRKILASPNE ENMTELISMR FSDVVGVI FT NAYSYNL KFI KGARIPTIKE HQDHTAHCHS YGEIICYGLS EFWRDGFVAL QAAINAAIIE VTTNHSMVEE MMSLTGKYIK IDSFVQEGT TTDCFLFFCI IRFSPLTTYI SAGVTRERKK MKGLMAVMGL RDSAFWLSWG LLYGVIVFV TLLSTTIVKL VQFVLTGFM VIFSLFFFYG LSLISLSFLM SVLLKKSFLT DLVVFLTVS CGSLGFTALY RYLPVSLEWL LSLLSPFAFM LGMVQLLRD YDVNSNADPM GNPNEVIGTI FMLFFDGVFY LLLTFYFEKV LPSKSFHDKT YWHACKSHFF LIDYSFYIRT ALDNETDYEF SDDSFEPVSM EFHGKEAIRI RNLTKDYIQK SKRTEALKDL TLDVYKGQIT AILGHSGAGK STLLNVLSGL CVPTKGWVTI HNNKLSEMTD LENISKLTGV CPQCNVQDFD LTVRENLR LF AKIKGIQAHE VDNEVQRVLL ELDMKNTQNI LVQNLGGGQK RKLTFGAIL GDPQIFLLDE PTAGLDPFSR HRVWNFLKER RADRVVLFST QFMDEADILA DRKVFISKGK LKACAGSSLFL KKKWGIGYHL SLQLSETCVH

ERITSLVKQH IPDSKLSAES EGKLSYLPL ERTNKFPDLY RDLERSPD LG IENYGVSIIT
LTEVFLKLEG KSSIDQSDIG MTEDVQAGGA RSPERFAEVE QLVSLNRC KMKGGMALWW
QQLCAVTRLR FLKLKERKS IVILVLVGLI GLLHILSANI YRMVRQSDYC WELAPHMYFL
TPGQQPQPPL TNLLIVNKTG AKIDDFIHS EQQNIALEVD AFGTRNGTED SQYNGAILLS
GDEKNYNFTL ACNTKRLNCF PVLVDIVSNG LLGLFAPSAH IQTDRSTFPE ENDHRKFDYL
AYFFLWVLLM ACVPPYISMT SIDDYKNRAQ FQLWISGLSP SAYWFGQALF EVPVYCALIL
SIFIAFYASA PPESKFTVGD LFIQILYVGG YAMSVIFMTY VISFIYRKGGR KNSGLWSLCF
YIVSFFSMCF MLIDYFRDIS LFLVLIALVPP ATLGCGTLLH FENREFSEII FEPEREYSYL FFLAPLLHFA
IFVVILRCME RKFGMKT MRT DPVFRISPRS DRVFNNPEDP DGEDEDVSQE RVWTANALTS
ADFQEKPAII ASCLRKEYKG KKKCFVLKSK KKIATRNI SF CVRKGEVGL LGHNGAGKST
SIKMITGETK PSAGQVLLKG SSTGDTPGFL GYCPQENALW LNLTVREHLE IFAAIKGMRK
SDANVAIERL ADALKLQDQL KSPVKTLSEG VKRKLCFVLS ILGNPSVLL DEPSTGMDPE
GQQQMWAQIQ ATFSNTERGA LLTTHYMAEA EAVCDRVAIM VSGRLRCIGS IQHLKSKFGK
EYLLEMKVKT PSQVEPLNTE IMRLFPQAAR QERYSSLMVY KLPREDVQPL SQAFFKLETV
KQSFLEEYS LSQSTLEQVF LELSKEQELD GFEELDPSV KWKLLPQEEA **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: 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.

Product Details

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

Target Details

Target:	ABCA8A
Alternative Name:	Abca8a (ABCA8A Products)
Background:	ABC-type organic anion transporter ABCA8A (EC 7.6.2.-) (ATP-binding cassette sub-family A member 8A),FUNCTION: Mediates cholesterol and taurocholate efflux. Through the interaction with ABCA1 potentiates the cholesterol efflux to lipid-free APOA1, in turn regulates high-density lipoprotein cholesterol levels. {ECO:0000250 UniProtKB:O94911}.
Molecular Weight:	184.2 kDa
UniProt:	Q8K442

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