

Datasheet for ABIN7551871

ABCA10 Protein (AA 1-1543) (His tag)



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Overview

Quantity:	1 mg
Target:	ABCA10
Protein Characteristics:	AA 1-1543
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ABCA10 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant ABCA10 Protein expressed in mammalian cells.
Sequence:	MNKMALASFM KGRTVIGTPD EETMDIELPK KYHEMVGVIK SDTFSYRLKF NWGYRIPVIK EHSEYTEHCW AMHGEIFCYL AKYWLGKGFVA FQAAINAAII EVTTNHSVME ELTSVIGINM KIPPFISKGE IMNEWFHFTC LVSFSSFIYF ASLNVARERG KFKKLMTVMG LRESAFWLSW GLTYICFIFI MSIFMALVIT SIPIVFHTGF MVIFTLYSLY GLSLIALAFL MSVLIRKPML AGLAGFLFTV FWGCLGFTVL YRQLPLSLGW VLSLLSPFAF TAGMAQITHL DNYLSGVIFP DPSGDSYKMI ATFFILAFDT LFYLIFTLYF ERVLPDKDGH GDSPLFFLKS SFWSKHQNTN HEIFENEINP EHSSDDSFEP VSPEFHGKEA IRIRNVIKEY NGKTGKVEAL QGIFFDIYEG QITAILGHNG AGKSTLLNIL SGLSVSTEGS ATIYNTQLSE ITDMEEIRKN IGFCPQFNFQ FDFLTVRENL RVFAKIKGIQ PKEVEQEVKR IIMELDMQSI QDIIAKKLSG GQKRKLTGLI AILGDPQVLL LDEPTAGLDP FSRHRVWSLL KEHKVDRLIL FSTQFMDEAD ILADRKVFLS NGKLCAGSS LFLKRKWGIG YHLSLHRNEM CDTEKITSLI KQHIPDAKLT TESEEKLVYS LPLEKTNKFP DLYSDLKCS DQGIRNYAVS VTSLNVEFLN LEGKSAIDEP DFDIGKQEKI HVTRNTGDES

EMEQVLCSLP ETRKAVSSAA LWRRQIYAVA TLRFLKLRRE RRALLCLLLV LGIAFIPIL
EKIMYKVTRE THCWEFSPSM YFLSLEQIPK TPLTSLIIVN NTGSNIEDLV HSLKCQDIVL
EIDDFRNRNG SDDPSYNGAI IVSGDQKDYR FSVACNTKKL NCFVLMGIV SNALMGIFNF
TELIQMESTS FSRDDIVLDL GFIDGSIFLL LITNCVSPFI GMSSISDYKK NVQSQLWISG
LWPSAYWCGQ ALVDIPLYFL ILFSIHLYY FIFLGFQLSW ELMFVLVVC I GCAVSLIFL TYVLSFIFRK
WRKNNGFWSF GFFIILICVS TIMVSTQYEK LNLILCMIFI PSFTLLGYVM LLIQLDFMRN
LDLSDNRINE VNKTILLTTL IPYLQSVIFL FVIRCLEMKY GNEIMNKDPV FRISPRSRET
HPNPEEPEEE DEDVQAERVQ AANALTAPNL EEEPVITASC LHKEYYETKK SCFSTRKKKI
AIRNVSFCVK KGEVLGLLGH NGAGKSTSIK MITGCTKPTA GVVVLQGSRA SVRQQHDNSL
KFLGYCPQEN SLWPKLTMKE HLELYAAVKG LGKEDAALSI SRLVEALKLQ EQLKAPVKTL
SEGIKRKLCF VLSILGNPSV VLLDEPFTGM DPEGQQMWQ ILQATVKNKE RGTLLTTHYM
SEAEAVCDRM AMMVSGTLRC IGSIQHLKNK FGRDYLLLEIK MKEPTQVEAL HTEILKLFPQ
AAWQERYSSL MAYKLPVEDV HPLSRAFFKL EAMKQTFNLE EYSLSQATLE QVFLELCKEQ
ELGNVDDKID TTVEWKLLPQ EDP **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.
Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

Target Details

Target:	ABCA10
Alternative Name:	ABCA10 (ABCA10 Products)
Background:	ATP-binding cassette sub-family A member 10 (EC 7.6.2.-),FUNCTION: Probable transporter which may play a role in macrophage lipid transport and homeostasis. {ECO:0000305 PubMed:12821155}.
Molecular Weight:	175.8 kDa
UniProt:	Q8WWZ4

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