ABCA8 cDNA Clone – ATP-Binding Cassette, Sub-Family A (ABC1), Member 8 (Human)

PRODUCT OVERVIEW

Product Name	ABCA8, cDNA Clone
Full Product Name	ABCA8 cDNA Clone
Product Gene Name	ABCA8 cdna clone
Sequence	atgaggaaga gaaagatcag tgtgtgtcaa caaacttggg ccttattatg caagaacttt cttaaaaaat ggagaatgaa aagagagtcc ttaatggaat ggctgaattc attgctccta ctactttgtt tgtatatata tcctcatagt catcaagtaa atgatttttc ttcactgctt accatggacc tgggacgggt agatacattt aatgaatcca gattttctgt tgtatacaca cctgtcacca acacgaccca acagataatg aataaagtag cctctactcc cttcctggca ggtaaagagg tcttgggact gccagatgag gaaagtatta aagaattcac agcaaattat cctgaagaaa tagtaagagt caccttttact aatacatact catatcattt gaagttcttg ctaggacatg gaatgccagc aaagaaggag cacaaggacc atacagctca ttgttatgaa acaaatgaag atgtttactg tgaagtttca gtattttgga aggaaggttt tgtggctctt caagctgcca ttaatgctgc tattatagaa atcacaacaa atcactcagt gatggaggag ctgatgtcag ttactggaaa aaatatgaag atgcattcct tcattggtca atcaggagtt ataactgatt tgtacctttt ttcctgcatt atttcatttt cctcattcat ttactatgca tctgttaatg tcacaagaga gaggaaaagg atgaaggcct tgatgacaat gatgggtctt cgggattcag cgttctggtg a
Molecular Weight	183,677 Da
OMIM	612505
Vector	Please Inquire
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for ABCA8 cdna clone	MBS1274497 is a cDNA clone targeting ABCA8.
Other Notes	Small volumes of ABCA8 cdna clone vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for ABCA8. It may not necessarily be applicable to this product.

NCBI GI #	28839742
NCBI GeneID	10351
NCBI Accession #	BC047765
UniProt Secondary Accession #	Q86WW0; A1L3U3; C9JQE6
UniProt Related Accession #	O94911
NCBI Official Full Name	Homo sapiens ATP-binding cassette, sub-family A (ABC1), member 8, mRNA
NCBI Official Synonym Full Names	ATP binding cassette subfamily A member 8
NCBI Official Symbol	ABCA8
UniProt Protein Name	ATP-binding cassette sub-family A member 8
Protein Family	ABC transporter A family
UniProt Gene Name	ABCA8
UniProt Synonym Gene Names	KIAA0822
UniProt Entry Name	ABCA8_HUMAN

NCBI Protein Information	ATP-binding cassette sub-family A member 8
NCBI Summary for ABCA8	The membrane-associated protein encoded by this gene is a member of the superfamily of ATP-binding cassette (ABC) transporters. ABC proteins transport various molecules across extra- and intracellular membranes. ABC genes are divided into seven distinct subfamilies (ABC1, MDR/TAP, MRP, ALD, OABP, GCN20, White). This protein is a member of the ABC1 subfamily. Members of the ABC1 subfamily comprise the only major ABC subfamily found exclusively in multicellular eukaryotes. The encoded protein may regulate lipid metabolism and be involved in the formation and maintenance of myelin. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2014]
UniProt Comments for ABCA8	ABCA8: ATP-dependent lipophilic drug transporter. Belongs to the ABC transporter superfamily. ABCA family. 2 isoforms of the human protein are produced by alternative splicing. Protein type: Membrane protein, multi-pass; Mitochondrial; Transporter, ABC family; Transporter; Hydrolase; Membrane protein, integral Chromosomal Location of Human Ortholog: 17q24 Cellular Component: mitochondrial inner membrane; plasma membrane Molecular Function: ATPase activity, coupled to transmembrane movement of substances; xenobiotic-transporting ATPase activity Biological Process: lipid transport; transmembrane transport; transport
Research Articles on ABCA8	**1.** These data suggest a direct relationship between the levels of ABCA8 and the ectopic expression of alpha-syn and increased expression of p25alpha
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