

Product datasheet for **SC220652**

ABCA1 (NM_005502) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	ABCA1 (NM_005502) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	ABCA1
Synonyms:	ABC-1; ABC1; CERP; HDLCQTL13; HDLDT1; HPALP1; TGD
ACCN:	NM_005502
Insert Size:	2000 bp



[View online »](#)

Insert Sequence:

>SC220652 3'UTR clone of NM_005502

The sequence shown below is from the reference sequence of NM_005502. The complete sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GATGAGAAAGTGAAAGAAAGCTATGTATGAAGAATCCTGTTCATACGGGGTGGCTGAAAGTAAAGAGGA
ACTAGACTTTCTTTGCACCATGTGAAGTGTGTGGAGAAAAGAGCCAGAAGTTGATGTGGGAAGAAGT
AAACTGGATACTGTACTGATACTATTCAATGCAATGCAATTCAATGCAATGAAAAAAAATTCCATTAC
AGGGGCAGTGCCTTTGTAGCCTATGTCTTGTATGGCTCTCAAGTAAAAGACTTGAATTTAGTTTTTTAC
CTATACCTATGTGAACTCTATTATGGAACCAATGGACATATGGGTTTGAACCTCACACTTTTTTTTTT
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TTGATCAAAATCAAAAGGTAATGCACATCTCATTCACTAAGCCATGCCATGCCAGGAGACTGGTTTC
CCGGTGACACATCCATTGCTGGCAATGAGTGTGCCAGAGTTATTAGTGCCAAGTTTTTCAGAAAAGTTTG
AAGCACCATGGTGTGTCATGCTCACTTTTGTGAAAGCTGCTCTGCTCAGAGTCTATCAACATTGAATAT
CAGTTGACAGAATGGTGCCATGCGTGGCTAACATCCTGCTTTGATTCCCTCTGATAAGCTGTTCTGGTG
GCAGTAACATGCAACAAAATGTGGGTGTCTCCAGGCACGGGAACTTGGTTCCATTGTTATATTGTCC
TATGCTTCGAGCCATGGGTCTACAGGTCATCCTTATGAGACTCTTAAATATACTTAGATCCTGGTAAG
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CTCAAGATGTTTATCTGACACAAGTGTATTATTTCTGGCTTTTTGAATTAATCTAGAAAAATGAAAAGAT
GGAGTTGATTTTGCAAAAATGTTTGTACTTTTTAATGTTATTGGAATTTTAAGTTCTATCAGTGAC
TTCTGAATCCTTAGAATGGCCTCTTTGTAGAACCCTGTGGTATAGAGGAGTATGGCCACTGCCCCACTA
TTTTTATTTTCTTATGTAAGTTTGCATATCAGTCATGACTAGTGCTAGAAAAGCAATGTGATGGTCAGG
ATCTCATGACATTATATTTGAGTTTCTTTCAGATCATTTAGGATACTCTTAATCTCACTTCATCAATCA
AATATTTTTTGTAGTGTATGCTGTAGCTGAAAGAGTATGTACGTACGTATAAGACTAGAGAGATTAAG
TCTCAGTACACTTCTGTGCCATGTTATTCAGCTCACTGGTTTACAAATATAGGTTGTCTTGTGGTTGT
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AGAAAGTATAAGGGTCACAAGTCTAAACAATGAATTCCTCAACAGGAAAACAGCTAGCTTGAAAACCT
GCTGAAAAACACAACCTTGTGTTTATGGCATTAGTACCTTCAAAATAATTGGCTTTGCAGATATTGGATA
CCCCATTAATCTGACAGTCTCAAATTTTTCATCTCTTCAATCACTAGTCAAGAAAAATATAAAAACAA
CAAATACTTCCATATGGAGCATTTTTCAGAGTTTTCTAACCCAGTCTTATTTTTCTAGTCAGTAAACAT
TTGTAATAACTGTTTCACTAATACTTACTGTTAACTGTCTTGAGAGAAAAGAAAAATATGAGAGAAC
TATTGTTTGGGAAGTTCAAGTATCTTCAATATCATTACTAACTTCTTCCACTTTTCCAGAATTTG
AATATTAACGCTAAAGGTGTAAGACTTCAGATTTCAAATTAATCTTTCTATTTTTTTAAATTTACAG
ACGCGT AAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCACCCGCCCTTCTATGAAAGG
    
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Restriction Sites:

Sgfl-Mlul

OTI Disclaimer:

Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

Components:

The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq:

[NM_005502.4](#)

Summary:

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. With cholesterol as its substrate, this protein functions as a cholesterol efflux pump in the cellular lipid removal pathway. Mutations in both alleles of this gene cause Tangier disease and familial high-density lipoprotein (HDL) deficiency. [provided by RefSeq, Sep 2019]

Locus ID:

19

MW:

76.7