

Product datasheet for **SC213014**

ABCD4 (NM_005050) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: ABCD4 (NM_005050) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: ABCD4
Synonyms: ABC41; EST352188; MAHCJ; P70R; P79R; PMP69; PXMP1L
ACCN: NM_005050
Insert Size: 1222 bp
Insert Sequence: >SC213014 3'UTR clone of NM_005050
The sequence shown below is from the reference sequence of NM_005050. 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
TGGGAGCTGATGAGAATCAAAGTGGAATGAAGCTCTGGCTTTTGAAGGAGAGCCACTGTGGCGGT
CGCGGCCCTCAGGAGAGACCAGGAGGACTGACAGCGAAGATCGAGCTCAGGTTCCGCACATAGATCCC
GTGCAGGAGCCACATGGGTCTGTGTCAGGACCCCTAGCAGTGGTGGGCTGAGCCAGGTCTAGGTTCT
GTGGGGGACACTGAATCTCCAGTGTTCACTCTCCAGGACTCTGCTGCCTCAGCCAGAGCTCCATAT
GCTTGAAGTGCTGATTACCTACAAATGATTTAGATCATGTTTGTAAAGAGAAATCTGGAAGTGTGAG
ATCTGTAAGAAATGAAAGAAATGACTCTTGGAGTCAAGAGATCTGGAATCTTTAATCAGTTAAATTG
TGCAGCAATAGATTTTTAACTTTAACTGACCATTTAAGTTTTTAATAAGTTTTTACAAAGAAAAGTT
AAACATTAAGAAAGAAATTACAGCTTTCTGTCTTCTATCATGGAATGATCTTTTTATTGAATCTCCAG
ATTTGTATTTGACAGCTTGGTGGGAAGGGAAGCACACTCTGCTGTTCTGGAATCTTATGCCAGGGTTT
TCACTTCTCCACATCTCCCTTCCACTTGCCAGTGTGTGTAGTTAGAACCTGAACCACTAACTTC
CAGGGGCTTTGGTCTGCCCTACCTAACCCAAATGAAAGTAAATCCCTTTCCCTTAGCCAAAATAG
GTTGGGTTTTCTAAAAAATAGTCTATATTAGGGAACAACAACAGCAAATTAGACAAAACCCAGAAAGC
ACAAAGCATGAGGTGGAGTTACTGTGCCAAAGTCCCTCACTCAGACCAGTGCCCTCCAGTTCAGTTGT
CTATGTATTACCTTCTTACCTTCATAATTTTGGCCAGGCTTCTGTACTTCTAGTACTTGAGTTACTTA
ATTTTTTAAAAACAACTTTTAAAGTTTAAATGGATTTTTAAGTGAATTTTACTTAAACATAGATG
GAAAGTAACTAAAAATAAATAACAAGAAAACCATCGGTGTTATTAAGTACGGCTAGATGCTGTTGCCCT
GCATAGACTCTGGGCTGAGGCTTGTTCATTTTGTAAAAAGAGAGGTGAGGAGTTAGACGGACTGGCA
CTCAACTGAGATTTTTCTCCTTAATAAAATCAGAAAGATGGAGTGAGAA
ACGCGTAAGCGGCCGCGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTTCGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites: SgfI-MluI



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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_005050.4
Summary:	The 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 intra-cellular membranes. ABC genes are divided into seven distinct subfamilies (ABC1, MDR/TAP, MRP, ALD, OABP, GCN20, White). This protein is a member of the ALD subfamily, which is involved in peroxisomal import of fatty acids and/or fatty acyl-CoAs in the organelle. All known peroxisomal ABC transporters are half transporters which require a partner half transporter molecule to form a functional homodimeric or heterodimeric transporter. The function of this peroxisomal membrane protein is unknown. However, it is speculated that it may function as a heterodimer for another peroxisomal ABC transporter and, therefore, may modify the adrenoleukodystrophy phenotype. It may also play a role in the process of peroxisome biogenesis. Alternative splicing results in several protein-coding and non-protein-coding variants. [provided by RefSeq, Jul 2017]
Locus ID:	5826
MW:	46.1