

Product datasheet for **SC207576**

ABCG8 (NM_022437) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	ABCG8 (NM_022437) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	ABCG8
Synonyms:	GBD4; STSL; STSL1
ACCN:	NM_022437
Insert Size:	2000 bp



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Insert Sequence:

>SC207576 3'UTR clone of NM_022437

The sequence shown below is from the reference sequence of NM_022437. 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
ATCAAACAGAAACCAAGTCAAGACTGGTATTACGCCAGACGTCTGCCCGTGGTGGGGACCTGAGC
AGACCCTTCAACTGCACTCCCTCCTCAGGAGCCCTTCTGGGGACAGTGAGGACAATGACCCTACAGA
TGCTCAGTACATCCGGCCAGGGTGTGCAGTGGCACAGACCAGCCACAGGATGGCAGTAGAATAAAG
ACAGTCGAAAGGGATTTCTGCTCACTGGCAGGAGACTGCGATGACTGGGAGAAAACCTGCACTCGGTGG
CACCTACAACGTTGCTAATTTATTTCTTTTATGATGCATTTATATAGGCAACTCGATATAGGATGGGA
GCAAACAGGAATGAATTGGGTAGCTAGACTGTGCAGGAATTGTTGGAACCTGGAGGGAACAATAACAG
TAGCTAGCAGATTTGGCTTCATCTTCCAGGGGCCACACTCCGTGGTGAGCCACCATCAATACAGAAA
GTGACCTAAGATGTACCAGCAAGATGCCATCCCTTCTTTTGTGTGGGGTGTGGCTCCAAAAGCCAA
CGTGAACAATTAATAATGATTAGCATCTACTCTGTAGCAGGTCTGTGAAAACACTTTAGGTGGACA
ATCCCTTGAGGTAAAGTGGTATCCCATTTTATAGGTGTGAAAACAGGCAAAAATTCATTTTCTAAGG
GCACATGGATACTTTGGTGGAGTCATATGGGGATCAGAAAAGCCTTTGAGGCCTTTGGAGTTAGAGG
GCAGAAGGCAAGGCCGTGAGCCGCTGTAAGCCTTAGGAGTTTAGGAAGGCTCCAGAAGACAATGGGGTC
TGTAGAGGCTGTTAACTCAGCCAGGCTTCTTAGAGTTGCATTTCACTAACTGATATGGTTTGGCTCTGC
GTCCTCACCAATCTCACCTTGAATTGTAATAATCCCAAGTGTCAAGGGCGGGACCAGATGGAGATA
ATTGAATCATAGGGTGGTTTCTCTGATGCTGTCTCCTGAGAGTGAGTGAGTTCTGATGAGATCCGAC
GGTTTTATAAGGGGCTTCCCTCTCGCTCGGCTCATTCTCTCCCGCTACCCTGTGAAGAGGAGCC
TTCCACCACGACTGCAAGTTTCTGAGGCTGCCCGAGCCGTGCTGAACTGTGAGTCAGTTAAACCTCTT
TTCTTTATAAATTACCCAGTCTTGGGTATTTCTTCATAGCAGTGTGAGAGCAGATGAATACACTGGCCC
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TGCACACTTCTTGCCTGAGTGTGGGGACTATCTGACCAAAAACAGGTGCACAGAGGGCAGGAGAGGAT
GTTCCCAAAGGAAAATTAGAGTTTGAATCAAAAAGAGGGGAAGGTGCGTGTGGGAGGTAATAGCA
AATACTCTTCATAGTTCACTAGAGTCTTGCTACTCCAAGTACGATCCCTGGGCCAGCAGAATGGGCAC
AGCTGGAGCTGATTGGATAGTCCCATGAGCCTCAGGCCCAAGGCTCAATGAGTCAGAGTCTGCG
TCTTAAGAAGACCCCTGGTGTCTGTGCACATCAAGCATGCTGCCGTTTTCCAAGCACTTGCAACA
CTCAGGATGCTTGACCGTCATGTTGCCACCATCCAACCTGCAGACCCCAATCTTGAGATTGACTGGGA
GTTCTATCATGTCTCCATAGCAAGGGATCTAGACCAGAATCAAGCCTTGGATCTAGTTCTCAAGTC
TCTTTTGTCTTTTCAAGTTTAGGAACAGTTTGTCAACTTCTTCACTTTTGTGACCTTGATACTTGAG
TTTGAAGGCTGTCTCAATTTGTGTTCTGCCAGTGCATCCTATCAGAAGGCATGTGATTTCAACTTC
TCCCATACCAACAACGTTCACTTTGATCACTTGATTAAGGGGTGTCTGCTAGGCTTCTCCACAGCCA
ACGCGT AAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCACCGCCGCTTCTATGAAAGG
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Restriction Sites:

SgfI-MluI

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_022437.3](#)

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 White subfamily. The protein encoded by this gene functions to exclude non-cholesterol sterol entry at the intestinal level, promote excretion of cholesterol and sterols into bile, and to facilitate transport of sterols back into the intestinal lumen. It is expressed in a tissue-specific manner in the liver, intestine, and gallbladder. This gene is tandemly arrayed on chromosome 2, in a head-to-head orientation with family member ABCG5. Mutations in this gene may contribute to sterol accumulation and atherosclerosis, and have been observed in patients with sitosterolemia. [provided by RefSeq, Jul 2008]

Locus ID: 64241

MW: 73.8