

Product datasheet for SC208421

ABCG5 (NM_022436) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	ABCG5 (NM_022436) Human 3' UTR Clone
Symbol:	ABCG5
Synonyms:	STSL; STSL2
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_022436
Insert Size:	674 bp
Insert Sequence:	>SC208421 3'UTR clone of NM_022436 The sequence shown below is from the reference sequence of NM_022436. 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
AAAATAAGGGATCATCTCATTAGCAGGTAGTGAAAGCCATGGCTGGGAAAATGGAAGTGAAGCTGCCGA
CTGTGCATGACTGCTCTGAACGCTCTGAAATGAGAGTGCCATGTATTTCTTCTTGACAGGACATCTCAA
GTCTTTAAACCATTAAGACTCCATTTGTGCCTCTTGGATCCAAGCAGGCCTTGAATGCAATGGAAGTGG
TTTATAGTCCCTTGTCTTACAACCTTGCAGGGACATGTGGTTATTTGAAATTGTGACTGAGCGGACCC
AAGAATGTAAATAATATTCATAAACCTATGGGAGACTCGTGTGACTATTTTTTTCTTGTCTAGGCA
CAGAAAAAATAGGTCAGCTTAAAAATATGTTTACATTGGATAAAGGATTAGGCAAAAAATAAAATGTTT
CAAGGATTCCTGACCATAAGTGACAGAGAAAGAGATTGTGGGTTTAGATGAAGCAAGGTTATCATGCA
GAATTGGGTAAGAATGCTTCTGTTCCTGGAAGACCCAGAGTTAAATGCAGATGTCCACACGAGGGGTCG
GAGTTACCTGATCACATCGAGAGAGTGCTGGGCAGATGGATGGTGAAGCACCCTGCTACAGAGCACCCA
GTGATTTACTGAGGATTAATAAAAAAACCGTAGGAATGGGCTCAACAGTGA
ACGCGTAAGCGGCCGCGCATCTAGATTCTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
  
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Restriction Sites:	Sgfl-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).



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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_022436.3
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 as a half-transporter to limit intestinal absorption and promote biliary excretion of sterols. It is expressed in a tissue-specific manner in the liver, colon, and intestine. This gene is tandemly arrayed on chromosome 2, in a head-to-head orientation with family member ABCG8. 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:	64240
MW:	26.1