

## Product datasheet for **SC113569**

### **ABCF3 (NM\_018358) Human Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	ABCF3 (NM_018358) Human Untagged Clone
Tag:	Tag Free
Symbol:	ABCF3
Synonyms:	EST201864
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)



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**Fully Sequenced ORF:** >OriGene ORF within SC113569 sequence for NM\_018358 edited (data generated by NextGen Sequencing)

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ATGGCGACTTGCGCCGAAATCCTGCGGAGCGAGTCCCCGAAATTGACGGACAAGTCTTC
GACTACGTGACCGGCGTCTTGCACAGCGGCAGCGCGGACTTCGAGTCTGTGGATGACCTG
GTGGAAGCTGTAGGGGAATATTGCAAGAGGTGTCCGGGGACAGCAAGGATGACGCGGGC
ATCAGGGCCGTGTGCCAGCGCATGTACAACACTCTGCGTCTGGCTGAGCCACAAAGCCAG
GGAAATAGCCAGGTGCTACTGGACGCCCTATCCAGTTGTCAAAGATAACGGAGAATAC
GACTGTGGAACCAAACCTCCAGGACTGCTAAAGAGGGAACAGTCCCTCGACAGTGAATGCA
AAGAAGTTAGAGAAGGCCGAGGCTCGACTTAAGGCAAAGCAGGAGAAGCGCTCAGAGAAG
GACACGCTCAAGACCAGCAACCCCTAGTCTTAGAAGAGGCATCAGCCAGCCAGGAGGCG
AGCAGAAAGGAGAGTTCGGTTGGAATCATCTGGCAAGAACAATCCTATGATGTGCGAATT
GAGAACTTTGATGTGCTTTTGGCGATAGAGTACTGCTGGCTGGAGCGGATGTGAACCTG
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CAAGAGGTTGCTGGAGATGACACTCCTGCCCTGCAGAGTGTGCTGGAGAGTGACAGTGTG
CGAGAGGATTTGCTACGGAGGGAGCGGGAGCTCACTGCCAGATTGCTGCTGGCAGGGCG
GAGGGCTCTGAAGCTGCAGAGCTGGCAGAAATCTATGCCAAACTGGAGGAGATTGAGGCT
GACAAGGCACCTGCCAGGGCATCAGTATTCTCGCTGGGCTTGGCTTTACCCCTAAAATG
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GCCCTCTTTGCTAGGCCAGATCTTCTGCTGTTAGATGAACCTACAACATGCTGGATGTC
AGGGCCATCCTGTGGCTGGAGAATTACCTGCAGACGTGGCCCTCCACCATCCTAGTCGTC
TCCCACGACCCGCAACTTCTTGAATGCCATCGCCACAGACATCATCCACCTGCACAGCCAG
CGGCTAGATGGTTACCGGGGAGACTTTGAGACCTTCATCAAGAGTAAGCAGGAGCGGGTG
CTCAACCAGCAGCGTGAATATGAGGCGCAGCAGCAGTATCGCCAGCACATCCAGGTTTTTC
ATTGACCGGTTTTGCTACAATGCCAACAGGGCCTCTCAAGTGCAGAGTAAACTCAAGATG
CTGGAGAAGCTGCCTGAGCTGAAGCCTGTGGACAAGGAATCAGAGGTCGTAATGAAGTTC
CCTGATGGGTTTGAAGTTCTCGCCGCAATTCTGCAGCTAGATGAGGTGGATTCTAC
TACGATCCGAAGCAGTCATCTCAGTCGCCTCTCTGTGCTGCTGATCTCGAGTCTCGC
ATCTGTGTGGTTGGAGAGAATGGGGCTGGGAAGTCTACCATGCTGAAGCTGCTTTTGGGG
GACCTGGCACCTGTTCCGGGCATCAGACACGCTCACAGGAATCTGAAGATTGGCTATTTT
AGCCAGCACCATGTGGAGCAGCTGGACCTAAACGTCAGTCTGTGGAAGTCTGGCACGC
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GGAGAAGTGGCCATGCGTCTCTTGCCAGCCTGTCTGGGGGCCAGAAGAGCCGAGTGGCC
TTTGCTCAGATGACTATGCCCTGCCCAACTTCTACATTCTGGATGAACCCACAAACCAC
CTGGACATGGAGACCATTTAGGCTCTGGGCCGTGCCCTCAACAATTTAGGGGTGGTGTG
ATTCTGGTGTCCACGATGAGCGCTTTATCAGGCTGGTGTGCCGGGAGTTGTGGGTATGC
GAAGGAGGCGGCGTCACCCGTGTGGAAGGAGGATTTGACCAGTACCGGCCCTCTCCAG
GAACAGTTCGCCGCGAAGGCTTCTCTAG
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Clone variation with respect to NM\_018358.2

<b>5' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 5' read for NM_018358 unedited            GTCGGATTTTGTAAACGACTTCACTATAGGCGGCCCGCAATTCGCACGAGGCACAGCG            ACTGCGCGGACGGGTTCTTGAGTGAACATGGCGACTTGCGCCGAAATCCTGCGGAGCGA            GTTCCCGGAAATTGACGGACAAGTCTTCGACTACGTGACCGGCGTCTTGACACAGCGGCAG            CGCGGACTTCGAGTCTGTGGATGACCTGGTGAAGCTGTAGGGGAACTATTGCAAGAGGT            TCCCGGGACAGCAAGGATGACGCGGCCATCAGGGCCGTGTGCCAGCGCATGTACAACAC            TCTCGCTCTGGCTGAGCCACAAAGCCAGGAAATAGCCAGGTGCTACTGGACGCCCTAT            CCAGTTGTCAAAGATAACGGAGAACTACGACTGTGAACCAAACCTCCAGGACTGCTAAA            GAGGGAACAGTCTCAGCAGTGAATGCAAAGAAGTTAGAGAAGGCCGAGGCTCGACTTAA            GGCAAAGCAGGAGAAGCGCTCAGAGAAGGACACGCTCAAGACCAGCAACCCTCTAGTCTT            AGAAGAGGCATCAGCCAGCCAGGCAGGCAGCAGAAAGGAGAGTTCGGTTGGAATCATCTGG            CAAGAACAATCCTATGATGTGCGAATTGAGAACCTTGTGTTCTTTGGCGATAGAGT            ACTGCTGGCTGGAGCGGATGTGAACCTGGCATGGGGCCCGCTTACGGGCTGGTGGGGCG            GAATGGGTTGGGGAAGACAACGTTACCTGAGATGCTGGCCACCCGGAGTCTGCGGGTTCC            AGCCACATTTNCCTGCTGCACGTTGAGCAAGAGTTTGTGGAGATGACACTCCTGCCCT            GCACAGTGTGCTGNAAGTGACAGTGTGCCAAAGGATTTGCTACGGAGGGAGCGGGGACT            NACTGCCANTATGCTGTGNCAAGCCGAGGGTTCTN</p>
<b>3' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 3' read for NM_018358 unedited            CGGCCGCAATCTAGGATCGAGTTTTTTTTTTTTTTTTTTTGGGGGAAAAATTTAATTTAC            ATAGCAGCCACTTGGGGTCCAGTCAGAGCTGGGGCAGTGGGGGAATCTATAACCCCAGAG            GGTACCCCCAGACCCCAACCCCGGGAGACCAGTCTCACCACCCCTTGGATGGGCTCC            CAAGGTTGTGAGAAGATGCTCCAGTCAAAGGATAGAGACATTTGGGAATAAGGCTGTC            CCCAAGTTGGGGGAAGTCCACGGCTGGAGTGGTGGCCTACATGGTGGCCAGGGGTCTG            AGAGACCAGTCCATGTCTGGGCGAGTCCCTCAGCCTGGTGGCCCTAGAGGAAGCCTTCGC            GGCGGAACTGTTCTGGAGGAGGGCGCGGTACTGGTCAAATCCTCCTCCACACGGGTGA            CGCCGCTCCTTCGCATACCCACAACCTCCCGGCACACCAGCCTGATAAAGCGCTAATCGT            GGGACACCAGAATCACACCACCCTGAAATTGTTGAGGGCTCGGCCCAAAGCCTCAATGG            TCTCCATGTACAGGTGGTTTGTGGTTTCATCCAGAATGTCGAAGCTGGGGCACGGCATCC            TCATCCTGAGCAAAGGCCACTTGGCTCTTCTGGCCCCCACACAAGCTGGCAAGAGGACGC            ATGGTCACTNTCCGGAGATGTCTACCGCCCCAGCTGGTGACGGCACTTCTCCTCAGG            CCGCCAAGAACTTGCCTGCCACATTTCCCGCCTGACGTTTTAGCCCCCTTGACCCAC            ATGTGCTGGCTGCAATACCAATCCTCACACTCCTGTGAGCGCGCCGCTGCCTTTAACAGC            CGCCCGTCTTTCCACCCCTTTCTTTGGCGACTTCCATCCCTCCTTTCCCCCCCCCTCCTA            CCTTGCCCCCTCCCAACTTACCCTTGTCCCCCTTTTCGCCCTTATTATCCCCCTCCT            C</p>
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	NM_018358
<b>Insert Size:</b>	2950 bp
<b>OTI Disclaimer:</b>	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
<b>Components:</b>	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_018358.1</a> , <a href="#">NP_060828.1</a>
<b>RefSeq Size:</b>	2547 bp
<b>RefSeq ORF:</b>	2130 bp
<b>Locus ID:</b>	55324
<b>UniProt ID:</b>	<a href="#">Q9NUQ8</a>
<b>Cytogenetics:</b>	3q27.1
<b>Domains:</b>	ABC_tran, AAA
<b>Protein Families:</b>	Druggable Genome
<b>Gene Summary:</b>	<p>This gene encodes a member of the ATP-binding cassette (ABC) transporter superfamily. ATP-binding cassette proteins transport various molecules across extra- and intracellular membranes. The protein encoded by this gene displays antiviral effect against flaviviruses. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, May 2017]</p> <p>Transcript Variant: This variant (1) encodes the longest isoform (1).</p>