

Product datasheet for **SC127172**

ABCF2 (AF091073) Human Untagged Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | ABCF2 (AF091073) Human Untagged Clone |
| Tag: | Tag Free |
| Symbol: | ABCF2 |
| Synonyms: | ABC28; EST133090; HUSSY-18; HUSSY18 |
| Vector: | <u>pCMV6-XL4</u> |
| E. coli Selection: | Ampicillin (100 ug/mL) |
| Cell Selection: | None |
| Fully Sequenced ORF: | >NCBI ORF sequence for AF091073, the custom clone sequence may differ by one or more nucleotides |

ATGACTTCAGACTCATTACAGCAGGTTGCACAGGAAATTTGGGTCTGTGAGAAGCAGACAATCACCAAGTG
GCCTGGAGACATCCTGGCTTACAAGGAGCACCTCAAGTCCAAGCTGGTGGATGAGGAGCCCCAGCTCACC
AAGAGTACCCACAACGTGTGAGCCCTCTACCTGGGTTCGGGTGAGGCTCCATCTGGGAACAAACAGCT
GCTAACCTGACCAGCCGCTCAGGACAGGACCCTGGGGTACACTCCTGCATTGCTGCAATACTGCTCCCC
CAGCCTCTCCCCTGCCCTCAACTGCCTTAG

3' Read Nucleotide Sequence:

>OriGene 3' read for AF091073 unedited
CTATGGACCGCGNNGCCGATTCTAGNAGTCGAGTTTTTTTTTTTTTTTTTTGGCTTCT
CTTTCTTTATTGGGCGCTTTGTAGATGTCACGCAGGTTTAAAAGTTACTGCTAAATAA
TTATTTAAAACTGACCAGGACGAAGTCTGGTCCGGAGCTCCAAACCAGAAGCAAAAA
GGAATCGGGGCGGTGGGCTGGGGGTACTCCTCCAACATCACAAAACCCAGAAAACGAG
GATCCTAAGCTCCTCCGACAGCCAAATCCAGGGCTTGGGCCCTGGGCTAACCCGCAAGT
GCCTCTGACTGCATCACACTCAGAGTAAGATAACCAGCAAGGGGCTGGAGGGAACGGNCA
CCCAGTCCATACATGGACAGATGTAACCGGAAGGAGGACCGGAAACATACGGTTCTGCC
CACCTGTTGTATCACCATCCANCTCCGTTCTTAAACGTCCCGGTACCTCGTTCGAGTCCC
TCCGTCTCCCATTTACGCGTTCTCCCCACGAGCGTCCCAATACTCCAGCGCGCCATAAAA
CCAACCTCCCCCCCCATCATATCACCCCTNGATCCCCCTCCCCTCCTTTTTTCCCCCGT
GCTCCCCCTCCACCCCCCTACTTCCACGTTTGCCCTGTNNCCTCCCCCTTTTCGT
CCTGACGAACCCCGTANNCCACCAACTTCCTTTTACCATTAAATCTTCTCTATATCT
TGCGCGCACTGCCCTTGTACCGCTCTCGCCTTATTTTTTGTTCATCTCTCCAACATTA
CCCCCCTTTATGCCTCCGCCNTTTCGTACTTCTTCTTCCCCACCCCCCCCCCTTTTTTG
CCCCCCTCCTCCTTCTTTGCCANNCCGCCCTACCGCGCATTCTCCATATTG
CCCCTACCCGTTCTCTGTTGCTTGGCCACCGTTTTCCATTGTCCACGCCCG



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| Restriction Sites: | NotI-NotI |
| ACCN: | AF091073 |
| Insert Size: | 2590 bp |
| OTI Disclaimer: | The sequence of an 'OriGene Unique Variant' differs significantly from the associated reference. It represents a novel splice variant from the same gene locus of the reference. Although such variants are true transcripts and present opportunity for discoveries, they are not yet curated by NCBI and should not be used if the exact reference accession sequence is required. |
| OTI Annotation: | This TrueClone was found to represent an alternative form of the specific reference to which it is associated. Its Open Reading Frame (ORF) may represent a novel form or alternative splice variant. By virtue of it being a true transcript (cDNA clone not PCR product), it provides a biologically relevant copy of its mRNA template. For more details, please evaluate the sequence information provided on this website or contact our customer care specialists. |
| Components: | 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). |
| Reconstitution Method: | <ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.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. |
| RefSeq: | AF091073.1 , AAC72942.1 |
| RefSeq Size: | 926 bp |
| RefSeq ORF: | 312 bp |
| Locus ID: | 10061 |
| Cytogenetics: | 7q36.1 |
| Protein Families: | Druggable Genome |
| Gene Summary: | 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. Alterations in this gene may be involved in cancer progression. Related pseudogenes have been identified on chromosomes 3 and 7. [provided by RefSeq, Mar 2019] |