

Product datasheet for **SC101846**

ABCC13 (AY063514) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ABCC13 (AY063514) Human Untagged Clone
Tag:	Tag Free
Symbol:	ABCC13
Synonyms:	ABCC13P; C21orf73; PRED6
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC101846 sequence for AY063514 edited (data generated by NextGen Sequencing)

```
ATGCTCTCCAGTACGCAGAACCGGGCGGCTCCTATCAGCGGGTCCGCGGGCGCTTGAT
ACACAGAAATGCAGTCCAGAGAAAAGTGCCTCATTTTTAGTAAAGTGACATATTCCTGG
TTTAGCAGAGTAATTAAGGCTATAAGAGACCTTTGAAAAGAGAGGATCTTTTTGAA
CTAAAGGAAAGTGATTCTTCTGCACTGCGTGTCCCATCTTTGAAAAACAATGGAGAAAG
GAAGTTTTAAGGAATCAAGAGAGGCAAAAAGTAAAGGTATCTTGTATAAAGAGGCACAT
ATCAAGAAACCATCTCTACTCTATGCATTGTGGAACACCTTTAAATCCATCCTGATTCAA
GTTGCCTTATTCAAAGTGTGGCTGATTTTTGCCTTCACTAGCCCACTATAATGAAG
CAAATTATCATTTCTGTGAACACAGCTCAGATTTGGCTGGAATGGCTATGGCTATGCA
GTGGCACTTCTTGTGTAGTCTTTTTGCAAACCTGATTCTTCAGCAATATCAACGTTTT
AACATGCTCACCTCAGCAAAAAGTTAAGACAGCTGTAATGGACTGATCTACAAAAAGGCC
TTACTTTTATCAAATGTTTCTCGACAAAAGTTTTCCACTGGGAAATTATTAACCTTGATG
TCAGCAACTCATGGACTTGACAGCAAAACCTCAATCTCCTCTGGTCTGCCCTTTTCAAAT
CCTAATGGCCGTATATCTCCTTTGGCAAGAGCTGGGTCCAGCAGTGTAGCAGGGGTGGC
AGTCCTTGTGTTGTTATACCAATAAATGCTTTAGCTGCAACTAA
```

Clone variation with respect to AY063514.1



[View online »](#)

5' Read Nucleotide Sequence:	<p>>OriGene 5' read for AY063514 unedited NNGGGAGGTCACAATTGTATACGACTCATATAGGCGGCCGCGNATTCGGCACGAGGCTGACTCTCTGCCGGGGCGGAGTGCGTGTCTCCACCCTGCTGGCGCTGAACTGACTGTCCGCTGCCAAGGGAAGTGACAGCCGACCGGGCTCTCAGCCAGCGGCCAGGCGCCCCGCGGACCATGCTCTCCAGTACGCAGAACCGGGCGGCTCTATCAGCGGGTCCGCGGGGCGCTTGATACACAGAAATGCAGTCCAGAGAAAAGTGCCTCATTTTTTCAGTAAAGTGACATATTCCTGGTTAGCAGAGTAATTACTTTAGGCTATAAGAGACCTTTGGAAAGAGAGGATCTTTTTGAAC TAAAGGAAAGTGATTCTTCTGCACTGCGTGTCCCATCTTTGAAAAACAATGGAGAAAGG AAGTTTTAAGGAATCAAGAGAGGCAAAAAGTAAAGGTATCTTGTTATAAAGAGGCACATA TCAAGAAACCATCTACTCTATGCATTGTGGAACACCTTTAAATCCATCCTGATTCAAG TTGCCATTATCAAGTGTGGTGTGATATTTGCTTCACTAGCCACTCATAATGAAGC AAATTATCATTTTCTGTGAACACAGCTCAGATTTGGCTGGAATGGCTATGGCTATGCAG TGGCACTCTTGTGTAGTCTTTTTGCAAACCTGATTCTCAGCATATCAACGTTTTAA CATGCTCACCTCAGCAAAGTTAAGACAGCTGTAATGGACTGATCTACAAAAGGCCTTAC TTTTATCAAATGTTTCTCGACAAAAGTTTCCACTGGGGAANNTATAACTTGATGTCAGC AACTCATGGACTTGACANGCAACCTCAATCTNCTCTGGTCTGGCCCTTTCAATNCTAAT GGGCCGATATCTCCTTTGGCAGAGC</p>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for AY063514 unedited NNGGTTCTAGCATGNACCGCGCCGATTCTANNGATCGGTTTTTTTTTTTTTTTTTTTGGAG ACGGAGTTTTGTCTTGTGGCCATGCTGGAGTGAATTGCATGAACTCGGCTCACTGCA ACCTCCGCCTTACAGGTTCAAGTATTCTCCTGCCTCATCCTCCTGTATATCTGAGATTA CACGCGCTGCCAACATGCCCGGCTAATCTTATATTTACTAAAGACCGGAAGGTACGC CGTTGTGAAATTTACTCAACGTCTCACATCAAGTTGTGCACAGCGCACGTTTCATCTCAGG CTTTTCTATCTTGTCTGGCCAGTGACGCAGCTCAAACCTCACCCAGGGTGTGTTGGC GGTGGATGTTGTTACAAGCGTATATCTTGGCACAAAGTTTATTAAGTGTAGCTTAAAGACT ATAGAAGATGGGGTATTGAGAAGATGTTTGCCGTTTGAACGATCTCCTATGGGTTCTTTT GGGTCCCAAGGGGGTATTGCTCCTGGTCTCCTTTCCGACCCGAAGCACTTGCGCGGATGA TCGAGCCCGATGTGACTCGTTTACGGTAGAACCGGTTAGGATTAATATACCCATTATCGA CACGCCCGCGTGCAGAGCCACGCTTCGTAGGTCTCCACGCCATGACCCGGTGCCTCGT GCGTCAATGTGTTTGGAGGGGGATTATTTGCCACATGGAGCGATTGGGCTCACCCCTT GCACCCACGTACTTCTCCGGAGGGGGGGTGCACCCCGCGAGTCTTACATCTGAGCGGT TTGTCCGTACCGCTCTGCGTCTCCGGTACTTGTCCCGTTCCGCGAGTCTCCGAAACCCC CTAAGAAGTCGATACCCCCCGCAGACTGTTGGGGCGGACAGCCGTAGGGGGGCTTT CTGTCAAATGTTGGACAGGCGGGTGGGGCGGGGGC</p>
Restriction Sites:	NotI-NotI
ACCN:	AY063514
Insert Size:	2850 bp
OTI Disclaimer:	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).
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:

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: [AY063514.1](#), [AAL47201.1](#)

RefSeq Size: 2741 bp

RefSeq ORF: 825 bp

Locus ID: 150000

Cytogenetics: 21q11.2

Protein Families: Druggable Genome

Gene Summary: This gene is a member of the superfamily of genes encoding 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, and White). This family member is part of the MRP subfamily, which is involved in multi-drug resistance, but the human locus is now thought to be a pseudogene incapable of encoding a functional ABC protein. Alternative splicing results in multiple transcript variants; however, not all variants have been fully described. [provided by RefSeq, Jul 2008]