

## Product datasheet for **SC110444**

### **C2orf28 (ATRAID) (NM\_080592) Human Untagged Clone**

#### Product data:

Product Type:	Expression Plasmids
Product Name:	C2orf28 (ATRAID) (NM_080592) Human Untagged Clone
Tag:	Tag Free
Symbol:	C2orf28
Synonyms:	APR--3; APR-3; APR3; C2orf28; HSPC013; p18; PRO240
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_080592, the custom clone sequence may differ by one or more nucleotides

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ATGAAGACCAGCGCAGAGCTCCACGAGCAGGAAAAGCCCCAAGCAGCCCCAGGGCGACTGGACCGGGCC
GCTTAGGCCACGCCCAGGGAAGAGGGCCTGACGCGCTGCGGGGCGGGCCGCGGGCCGGGTGCGCGGAG
CAGCGGAGACCAAGGGAACGGAATGGCGCCTCACGACCCGGGTAGTCTTACGACCTGGTGCCTGG
GCTGCCGCCCTGCTCCTCGCTCTGGGCGTGAAAGGGCTCTGGCGCTACCCGAGATATGCACCCAATGC
CAGGGAGCGTGCAAAATTTGTCAAAGTGGCCTTTTATTGTAACGACACGAGAGCTAATGCTGCATGC
CCGTTGCTGCCTGAATCAGAAGGGCACCATCTTGGGGCTGGATCTCCAGAACTGTTCTCTGGAGGACCT
GGTCCAACTTTTCATCAGGCACATACCACTGTCATCATAGACCTGCAAGCAAACCCCTCAAAGGTGACT
TGGCCAACACCTTCCGTGGCTTTACTCAGCTCCAGACTCTGATACTGCCACAACATGTCAACTGTCCTGG
AGGAATTAATGCCTGGAATACTATCACCTTTATATAGACAACCAATCTGTCAAGGGCAAAAGAACCTT
TGCAATAACACTGGGGACCCAGAAATGTGTCTGAGAATGGATCTTGTGTACCTGATGGTCCAGGTCTTT
TGCAGTGTGTTTGTGCTGATGGTTTCCATGGATAACAAGTGTATGCGCCAGGGCTCGTTCTCACTGCTTAT
GTTCTTCGGGATTCTGGGAGCCACCACTCTATCCGCTCCATTCTGCTTTGGGCGACCCAGCGCCGAAAA
GCCAAGACTTCATGA
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<b>5' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 5' read for NM_080592 unedited  GTTCAACAATTGTAACGACTCACTATAGCGGCCCGCAATCGGCACGAGGGCGACGGGG  GAGGCCTTCACTAAAGGGGGAAAAGGAAGAGGGGGTGGCCAGTATCCCCGAAAGAGGGC  TAGGGCGCATGAAGACCAGCGCAGAGCTCCACGAGCAGGAAAAGCCCCAAGCAGCCCCA  GGGCGACTGGACCGGGCCGCTTAGGCCACGCCGGGAAGAGGGCCTGACGCGCTGCGGG  GCGGGGCCGCGGGGCCGGTTCGCGCGAGCAGCGGAGCACCAAGGGAACGAAAAATGGCGC  CTCACGGCCCGGTAGTCTTACGACCCTGGTGCCCTGGGCTGCCGCCCTGCTCCTCGCTC  TGGCGTGGAAAGGGCTCTGGCGCTACCCGAGGTACAGAAGCAAGTTTGAGGTGCGGGCTG  AAGCAGGGTCACTGGCCAGCCGTGCGTGCCTCGCCAGCGGCTCCCCCTTCTCCTCGGC  GGGCTGCGGCTCTGATTTGTCCTGACGCTTCCCGACCCTGCCAGCCAGGTCTGT  CCCAAGTACTCACGTCGTGCAGGCCTTCGGCGCCCCAGTCTGCCGACTTCAAAGACCT  GTGAAACTTGATTTGCCCCCTAATTTTGAATAACCTTAAGTTCCTTTTACAGACGGG  TCCTCTGCCTCTGTGTAATCTCTACGCACGAACGCCATATATCGGGCGGTGGTCAGG  GCTGTCTTTTGAATGCTTGTGAGGAGTCTTTACCTACCTGCGGGCGTTTACACCCCC  CCAACTAAGGCCTGTCCGAATGACCACCCCTTGCACAACGCCAATTAATAGTTCCAAA  TAGGACCTTACAAATGAAGACCTTCCCTGGTGCAAAACCGGGACCTGAAATGTCCGGG  AGCCTGACTCCGCCCGAACTCTGGAGGCAAAAAT</p>
<b>3' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 3' read for NM_080592 unedited  GCACCGCGGTCCGCAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT  TTTTAAAAAAAAAAGTGTATTATAGGCAACAACCAATGGGAAACTGGTATTGTCT  ACACCAAGGGAGTCAATTTTTCATCTTCCAATGGCGGCCTCAACCTTGAGGCGAATCCA  CTGGCGAAAGATGCCTTTCTAGGAAGCAAAGCTCCCTGACTGGGCTAAAATAGTTCAAAT  TGATCTTAGGTCAATGGTAAAACCTATGTAGTTTATGAAGTCTTGCTTTTCGGCGCTGG  GTCGCCCAAAGCAAAATGGAAACGGATAGAGTGGTGGCTCCCAAAATCCCGAAAAACATA  AGCAGTGAAAACGAGCCCTGGCGCATACTTGTATCCATGGAAACCATCAGCACAAAACA  CACTGCAAAAACCTGGACCATCAGGTACACAAGATCCATTCTCAGGACACATTTTTGGG  TCCCCAGTGTTATTGCAAAGGTTCTTTTGCCTTGACAGATTTGGTTGTCTATATAAGAG  GGGATAGTATCCAGGCCTTAATTCCTCCAAGACAGTTGACATGTTGTGGCAGTATCAGA  TCCTGGAGCTGAATAAAGCCACGGAAGGTGTTGGCCACGTACCTTTTGAGGGGTTTTG  CTTGACAGTCTATGATAACAGCGGTATGCCCCCGAAAAAACTTCGCACCAGGTCCTCCCA  AAAACATTTCTGGAAATCCCCCCCCAAAAGGTCCCCCTTCCGATTCACGCAACCACGGGG  CTGACCCATTACCTCTTCGGTCTTTCAACAAAAGGCCCTTTTGACAAATTTTACC  CTCCTTGAAATGGGGCCTTTCTGGCAAAATAAAACAACTTTTCACTCCCAAAGAAAA  TCCACAAAAAC</p>
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	NM_080592
<b>Insert Size:</b>	1900 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).

**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:** [NM\\_080592.2](#), [NP\\_542159.2](#)

**RefSeq Size:** 1278 bp

**RefSeq ORF:** 1278 bp

**Locus ID:** 51374

**UniProt ID:** [Q6UW56](#)

**Cytogenetics:** 2p23.3

**Protein Families:** Druggable Genome, Transmembrane

**Gene Summary:** This gene is thought to be involved in apoptosis, and may also be involved in hematopoietic development and differentiation. The use of alternative splice sites and promoters result in multiple transcript variants encoding different isoforms.[provided by RefSeq, Dec 2009]  
Transcript Variant: This variant (2) represents the longest transcript and encodes isoform b.