

Product datasheet for **SC320990**

C2orf28 (ATRAID) (NM_016085) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C2orf28 (ATRAID) (NM_016085) Human Untagged Clone
Tag:	Tag Free
Symbol:	C2orf28
Synonyms:	APR--3; APR-3; APR3; C2orf28; HSPC013; p18; PRO240
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_016085.3
 GTCTTACGACCCTGGTGCCTGGGCTGCCGCCCTGCTCCTCGCTCTGGGCGTGAAAGGG
 CTCTGGCGCTACCCGAGGTACAGAAGCAAGTTTGAGGTCGGGCTGAAGCAGGGTCACTGG
 CCAGCCGTGCGTTCGCGCTCGCCAGCGGCTCCCCCTTCTCCTCGGCGGGCCTGCGGTTCTG
 ATTTTCGTCCTGACGCTTCCCGACCCTGCCAGCCAGATATGCACCCAATGTCCAGGGAG
 CGTGCAAAATTTGTCAAAGTGGCCTTTTATTGTAAAACGACACGAGAGCTAATGCTGCA
 TGCCCGTTGCTGCCTGAATCAGAAGGGCACCATCTTGGGGCTGGATCTCCAGAACTGTT
 TCTGGAGGACCCTGGTCCAACTTTTCATCAGGCACATACCACTGTCATCATAGACCTGCA
 AGCAAACCCCTCAAAGGTGACTTGGCCAACACCTTCCGTGGCTTTACTCAGCTCCAGAC
 TCTGATACTGCCACAACATGTCAACTGTCCTGGAGGAATTAATGCCTGGAATACTATCAC
 CTCTTATATAGACAACCAATCTGTCAAGGGCAAAGAACCTTTGCAATAACACTGGGGA
 CCCAGAAATGTGCTCCTGAGAATGGATCTTGTGTACCTGATGGTCCAGGTCTTTTGCAGTG
 TGTTTGTGCTGATGGTTTCCATGGATACAAGTGTATGCGCCAGGGCTCGTTCTCACTGCT
 TATGTTCTTCCGGATTCTGGGAGCCACCACTCTATCCGTCTCCATTCTGCTTTGGGCGAC
 CCAGCGCCGAAAAGCCAAGACTTCATGAACTACATAGGTCTTACCATTGACCTAAGATCA
 ATCTGAACTATCTTAGCCAGTCAGGGAGCTCTGCTTCTAGAAAAGGCATCTTTCGCCAG
 TGGATTCGCCTCAAGGTTGAGGCCGCCATTGGAAGATGAAAAATTGCACTCCCTTGGTGT
 AGACAAATACCAGTTCCTTGGTGTGTTGCCTATAATAAACACTTTTTCTTTTTTTTC
 CTCTCTTCTTTTTAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites:	Please inquire
ACCN:	NM_016085



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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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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:	<u>NM_016085.3</u> , <u>NP_057169.2</u>
RefSeq Size:	1417 bp
RefSeq ORF:	516 bp
Locus ID:	51374
UniProt ID:	<u>Q6UW56</u>
Cytogenetics:	2p23.3
Protein Families:	Druggable Genome, Transmembrane
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (1) starts from an alternate promoter and uses an alternate splice site in the 5' UTR, compared to variant 2. These differences cause translation initiation from a downstream in-frame AUG and an isoform (a) with a shorter N-terminus compared to isoform b.</p>