

## Product datasheet for **SC324212**

### APLF (NM\_173545) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	APLF (NM_173545) Human Untagged Clone
Tag:	Tag Free
Symbol:	APLF
Synonyms:	APFL; C2orf13; PALF; Xip1; ZCCHH1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)

**Fully Sequenced ORF:** >OriGene sequence for NM\_173545.1  
 GCCTTTGAGGCCCTCCCTCGGTGTTTTTCCCAGGGCGTGGGCTTGCCCCGCGGTGTCT  
 GTGGAGGGCGAAACAGCGGAGGGCCAGTCTCCTGGCGAAGGGGCCTAATCCTTGCCCC  
 CCATGTCCGGGGCTTCGAGCTGCAGCCCGGGACGGCGGTCCCCGGGTGGCCCTGGCGC  
 CCGGGGAGACGGTGATCGGCCGGGCGCTGTGGGAATAACAGACAAGAGAGTATCCA  
 GAAGACATGCCATTCTTGAGGTGGCAGGTGGTCAGCTGCGAATCAAACCGATACACAAA  
 ATCCATGTTTTTACCAGTCTTCAGAGAAGAGTCAGCTCTTACCATTGAAGCCAAATCTAT  
 GGTGCTATTTGAATCCTGGAGACAGTTTTTCTTTGTTAGTTGACAAAATACATTTTCCGCA  
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 ATGAAGATAATATATTGAATGAAACACCAAAATCCCCGTGATTAATTTACCTCATGAGA  
 CTACTGGTGCCTCACAACCTGGAAGGAAGCACAGAAATAGCCAAGACCCAGATGACTCCCA  
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 CCGAGAGGAAAAGAAATCCTTCCAACCTGGATGTTAGCAGAACATTTAAGTGATCAAAACC  
 TTTTCAGTACCAGCAATCAGTGGAGGTAATGTAATCCAGGGAAGTGGAAAAGAAGAAATCT  
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ATGAAGATTCTGACTGGGAACCAGGAAAGGAAAGATGAAGAGAAGGAAGATGTGGAAGAGC
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TTAATGCAACTTTCATAATCATCCTGAAGACACTTTTGAGTATAACTATTGTATAAATA
AATGTATAGCTTAATTGAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
AAAAAAAAAAAAAAAAAAAAAAAAAAAA
    
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- Restriction Sites:** ECoRI-NOT
- ACCN:** NM\_173545
- 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.

<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>	<u><a href="#">NM_173545.1</a></u> , <u><a href="#">NP_775816.1</a></u>
<b>RefSeq Size:</b>	3864 bp
<b>RefSeq ORF:</b>	1536 bp
<b>Locus ID:</b>	200558
<b>UniProt ID:</b>	<u><a href="#">Q8IW19</a></u>
<b>Cytogenetics:</b>	2p13.3
<b>Gene Summary:</b>	C2ORF13 is a component of the cellular response to chromosomal DNA single- and double-strand breaks (Iles et al., 2007 [PubMed 17353262]).[supplied by OMIM, Mar 2008]