

Product datasheet for **SC101130**

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
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	None
Fully Sequenced ORF:	>NCBI ORF sequence for NM_173545, the custom clone sequence may differ by one or more nucleotides

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ATGTCCGGGGCTTCGAGCTGCAGCCGGGACGGCGGTCCCGGGTGGCCCTGGCGCCCGGGGAGACGG
TGATCGGCCCGGGCCGCTGCTGGGAATAACAGACAAGAGAGTATCCAGAAGACATGCCATTCTTGAGGT
GGCAGGTGGTTCAGCTGCGAATCAAACCGATACACAAAATCCATGTTTTACCAGTCTTCAGAGAAGAGT
CAGCTCTTACCATTGAAGCCAAATCTATGGTGCTATTTGAATCCTGGAGACAGCTTTTCTTTGTTAGTTG
ACAAATACATTTCCGCATTCTCTATACCCTCTGAAGTGAAATGCAATGTACCTTAAGAAACAGTCA
AGTGCTTGATGAAGATAATATATTGAATGAAACACCAAAATCCCGGTGATTAATTTACCTCATGAGACT
ACTGGTGCCCTCACAACCTGGAAGGAAGCAGAGAAATAGCCAAGACCCAGATGACTCCACAAAATAGTGTG
CTTTCTAGGTGAAAATAGAGACTGCAATAAGCAGCAGCCAATCCTTGCCGAGAGGAAAAGAATCCTTCC
AACTTGGATGTTAGCAGAACATTTAAGTGATCAAAACCTTTCAGTACCAGCAATCAGTGGAGGTAATGTA
ATCCAGGGAAGTGAAAAGAAGAAATCTGCAAAGATAAATCCAGCTAACACAACCCAGCAAGGAAGAA
GGCAATTAATTTTCATCAGGAAGTTCAGAAAATACATCAGCAGAACAGACACAGGAGAAGAGTGCAAAA
TACTGATCAGGAAGAGTCTACCATTTTCATCCAAGGAAATGCCACAATCATTTTCTGCAATCACATTAAGT
AACACAGAGATGAATAATATTAAGACTAATGCACAGAGAAAACAACTTCCAATAGAGGAACCTTGGTAAAG
TTTCTAAACATAAAAATTGCCACTAAAAGAACACCACATAAAGAAGATGAGGCAATGAGCTGTTCTGAAAA
TTGTTTCGAGTGCCCGAGGCGACTCACTTCAGGATGAGTCTCAAGGCTCATTCTGAGTCCAGCTCTAAT
CCCTCCAATCCTGAAACTTTGCATGCAAAGGCAACTGATTGAGTCTACAAGTTCTGAAGGAAACAAGG
TCAAGAGGACATCCTGCATGATGGGGCAAACCTGCTATAGGAAGAATCCTGTTTCAATTTTCAACATTTT
CCATCCTGGTGATAGTGATTATGGAGGTGTACAAATCGTGGCCAAGATGAGACTGATGACCGCCCTGAA
TGTCCCTATGGACCATCCTGTTATAGGAAGAATCCCGCAGCACAAGATAGAATATAGACATAATACGCTTC
CAGTGAGAAATGTTTTAGATGAAGATAATGATAATGTTGGCAACCAATGAGTATGACCTGAACGACAG
CTTTCTAGATGATGAGGAAGAAGACTATGAGCCAACAGATGAAGATTCTGACTGGGAACCCAGGAAAGGAA
GATGAAGAGAAGGAAGATGTGGAAGAGCTTTTGAAGAAGCAAAAAGGTTTATGAAAAGAAAATAG
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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_173545 unedited GGAATTTGTAATACGACTCACTATAGGGCGGCCGCAATTCGGCACGAGGCGCAGCCGCG GGGAGCCTTTGAGGCCCTCCCTCGGTGTTTTTCCCAGGGCGTGGGCTTGCCCCGCGCGT GTCTGTGGAGGGCGAAACAGCGGAGGGGCCAGTCTCCTGGCGAAGGGGCTAATCCTTG CCCGCCATGTCCGGGGCTTCGAGCTGCAGCCGCGGACGGCGGTCCCCGGGTGGCCCTG GCGCCCGGGGAGACGGTGATCGGCCGCGGGCCGCTGCTGGGAATAACAGACAAGAGAGTA TCCAGAAGACATGCCATTCTTGAGGTGGCAGGTGGTCAGCTGCGAATCAAACCGATACAC ACAAATCCATGTTTTTACCAGTCTTCAGAGAAGAGTCAGCTCTTACCATTGAAGCCAAAT CTATGGTCTATTGAATCCTGGAGACGCTTTTCTTTGTAGTTGACAAATACATTTTC CGCATTCTCTATACCCTCTGAAGTGGAAATGCAATGTACCTTAAGAAACAGTCAAGTG CTTGATGAAGATAATATATTGAATGAAACACCAAAATCCCCGTGATTAATTTACCTCAT GAGAACTACTGGTGCCTCACAACCTGGAAGGAAGCACAGAAATAGCCAAGACCCAGATGAC TCNCCACAATAGTGTCTTTTCTAGGTGAAAATAGAGACTGGCATAAGCAGCAGCCAAT CCCTTGCCGAGAGAAAAGAAATCTTTCACCTGTGGATGTAGCAGACATTTNAAGTGAT CAAACNTTNTCAGTACGCCATCATTGGAGGGTATGGTATCNNAGGGAAGTGGAAAAGA AGAATCTGCAANGATAATCCCAGCTAACACACCAGCAGGGAGAANGCANNTATTCTCCG GGAAGTCAGAAATACATAGCAGACAGAACAGGA
Restriction Sites:	ECoRI-NOT
ACCN:	NM_173545
Insert Size:	1000 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:	<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_173545.1</u> , <u>NP_775816.1</u>
RefSeq Size:	3864 bp
RefSeq ORF:	1536 bp
Locus ID:	200558
UniProt ID:	<u>Q8IW19</u>
Cytogenetics:	2p13.3
Gene Summary:	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]