

Product datasheet for **SC112778**

CDKN2AIPNL (NM_080656) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CDKN2AIPNL (NM_080656) Human Untagged Clone
Tag:	Tag Free
Symbol:	CDKN2AIPNL
Synonyms:	C2AIL
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC112778 sequence for NM_080656 edited (data generated by NextGen Sequencing) ATGGTCGGTGGCGAGCGGCTGCCGAGTGGAGGAGCTGGTTTCGGGGGTGCGGCAGGCG GCCGACTTCGCGGAGCAGTTCGCTCCTACTCAGAGAGCGAGAAGCAATGGAAGGCCCGC ATGGAATTCATCCTGCGCCACCTGCCGACTACCGCGACCCGCCGACGGCAGTGGCCGC CTGGACCAGCTGCTCTCCCTCTCCATGGTCTGGGCCAACCATCTTCTAGGCTGCAGT TACAATAAAGACCTTTTAGACAAGGTGATGAAATGGCCGATGGGATTGAAGTGAAGAC CTGCCACAATTTACTACCAGAAGTGAATTAATGAAAAAGCATCAAAGCTAA Clone variation with respect to NM_080656.2



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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_080656 unedited
 TTGTAATACGACTCACTTATAGGGCGGCCGCAATTTCGCACGAGGGAAGGCGGCGGCTA
 TCCGGTCTCGGCTGCGGCGGGCACCATTGGTGGTGGCGAGGCGGCTGCCGACAGTGGAGG
 AGCTGGTTTCGGGGGTGCGGCAGGCGGCCGACTTCGCGGAGCAGTTCCGCTCCTACTCAG
 AGAGCGAGAAGCAATGGAAGGCCCGCATGGAATTCATCCTGCGCCACCTGCCGACTACC
 GCGACCCGCCCCGACGGCAGTGGCCGCTGGACCAGCTGCTCTCCCTCTCCATGGTCTGGG
 CCAACCATCTCTTCTAGGCTGCAGTTACAATAAAGACCTTTTAGACAAGGTGATGGAAA
 TGGCCGATGGGATTGAAGTGGAAGACCTGCCACAATTTACTACCAGAAAGTGAATTAATGA
 AAAAGCATCAAAGCTAAGCCAGAAGATTATCACATTTTCATCATCAGCTACAGGATTAG
 AAAGGAGGCTGGGATGAATGTGACATAGACCACAGCAGCTCTCTTAAGACTCCTGGTATT
 ACCAACATAAAGAGGCAGGTGGAATGAGAAGGACTCTGTCTAGATTGGCTTTTTTAACAT
 TCTCATNTCCCCAGAGTTATCACTGTAAAAGTATGCATGGATATTTATGATTTATAAA
 TCATGCACTCTAAGATGAGTTCATCAACATTGAAAAGCCCTCTTTCTGTTTTTCAGGTT
 TTTNTTTTTCTTAATCGACAGGTCTCACTCTGTCGCCCCAGCAGAAGCACAAGGGTGCAG
 TATTGGCTCATTGCAGCCTCGAAGCTCCTGGGCTCATATTTNCAGGGNTTTTTGNTTTTTG
 GTTTTGTTTTTTGAGACCGAGTCTTGCTCTGTTGCCAGNCAGTANTGCAGTGGCGCGAT
 TT

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_080656 unedited
 AAGCTTTGGCCCGGCGGCCGATNCTAGGATCGAGTTTTTTTTTTTTTTTTTTATTTTAT
 TATTTTTATTTTTTTTGAGACGGTGTTCATTTTTGTGCGCCAGGATGGAGTGCAATGGT
 GCGATCTTGGCTCACTGCAACCTCCACCTCCCAGGTTCAAGCAGTTCTTCTGCTTCAGCC
 TCTGAGTAGCTGGGATTACAGATGTCCGCCACCATGCCAGCTAATTTTGTGTGATTT
 TTAGTAGAGACGGGGTTTCATCGTGTGGCCAGGCTGGTCTCAAACCTCCTAACCTCAGGT
 GATCTGCTCACCTCGGCCTCCCAAAGTGTGGGATTATTATGGGCATAAGCCACTGTGCC
 CAGCCCCAAAAGGCATTTTAAACAAAATTCTGACGTTTAAAACTGAAAATATATCGCG
 CCACTGCACTACTGCCTGGGCAACAGAGCAAGACTCCGTCTCAAAAAACCAACAAAAA
 ACAAAAAACCTGAAAATATGAGCCAGGAGTTCGAGGCTGCAATGAGCCAATACTGCAC
 CCTTGTGCTTCTGCCTGGGCGACAGAGTGAGACCTTGTGATCAGAAAAAAAACCTG
 AAAACAGAAAAGAGGGCTTTTACACTGTTGATGAACATCATCTAGAGTGCAATGATTATA
 AATACATAAATATCCATGCATACTTTTACAGTGATAACTCCTGGGAAAATGAGAAATGTTA
 AAAAGCCAATCTAGACAGAGTCTTCTCATTCCACCTGCCTCTTTATGTCGGCACTACC
 AGCAGCTNAAGAGAGCTGCTGCGGTCCATGCCACATTATTCCAACCTCCTTTCTATC
 CTGTAGCTGATGAGGAAAAGTGATAAACCTTCTGCCTCACCTTGACGCTTTTTCATAAAT
 TCCTTCCGCAGNAAATTGGGCAGAGTTTCACTTAATCCATTGCGCATTCCATACCTG

Restriction Sites:

NotI-NotI

ACCN:

NM_080656

Insert Size:

1210 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: [NM_080656.1](#), [NP_542387.1](#)

RefSeq Size: 1217 bp

RefSeq ORF: 351 bp

Locus ID: 91368

UniProt ID: [Q96HQ2](#)

Cytogenetics: 5q31.1