

Product datasheet for **SC333234**

ATRNL1 (NM_001276282) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: ATRNL1 (NM_001276282) Human Untagged Clone
Tag: Tag Free
Symbol: ATRNL1
Synonyms: ALP; bA338L11.1; bA454H24.1
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC333234 representing NM_001276282.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

```

ATGGAGACTGGGGCCGGGCCCGCACTGGTACCCCGCAGCCAGCGGCCCGGGGTGTGGAGGGCTCGG
CCGGCGGGCGGGCGGGCGGGCGCCTCCTCTGGCTGCTGGACGGGAACAGCTGGCTGCTGTCTAT
GGCTTCTCTACCTGGCGCTCTACGCGCAGGTGTCCAGTCCAAGCCGTGCGAGAGGACCGGCTCCTGC
TTCTCGGGCCGCTGTGTCAACTCCACCTGCCTCTGCGACCCGGGTGGGTGGGGGACCAGTGCCAGCAC
TGCCAGGGCAGGTTCAAGTTAACAGAACCTTCTGGATATTTAACAGATGGCCCAATTAACATAAATAT
AAAATAAATGACTTGGCTCATTGAAGGCTATCCAAATGCAGTGTTAAGATTAAAGATTCAATCATTTT
GCTACAGAATGTAGCTGGGATCATATGTATGTTTATGATGGAGATTCAATATATGCACCTTTAATAGCT
GTACTTAGTGGTTTGATAGTCCCTGAAATAAGGGGCAATGAAACTGTGCCTGAAGTTGTTACTACATCT
GGCTATGCACTGTTACATTTTTTTAGTGATGCTGCGTATAATCTAACTGGTTTCAACATTTTCTATTCA
ATCAATTCTTGTCTCAACAATTGCTCTGGTCATGGGAAGTGTACAAGTAGTGCTCTGTTCCAAGTCAA
GTATATTGTGAATGTGATAAATACTGGAAGGTGAAGCTTGATATTCCTTACTGTAAAGCCAATTGC
GGCAGTCCAGATCACGGTTACTGTGACCTGACTGGAGAAAAATTATGTGTCTGCAATGATAGTTGGCAA
GGTCTGATTGTTCTTTGAATGTTCCCTCTACTGAGTCTTACTGGATTCTGCCAAACGTTAAACCCCTTC
AGTCCTTCTGTAGTTCGGGCTTCACATAAAGCAGTTTTACACGGGAAATTTATGTGGGTGATTGGTGGA
TATACTTTTAACTACAGTTCTTTTCAAATGGTCTCAAATTTACAATTTAGAAAGCAGTATATGGAATGTA
GGAAGTCCATCAAGGGGACCTCTCCAGAGATATGGACACTCTCTTGCTTTATATCAGGAAAAACATCTTT
ATGTATGGAGGCAGAATTGAAACAAATGATGGCAATGTCACAGATGAATTATGGGTTTTTAAACATACAT
AGTCAGTCATGGAGTACAAAACTCCTACTGTTCTTGACATGGTCAGCAGTATGCTGTGGAGGGACAT
TCAGCACATATTATGGAGTTGGATAGTAGAGATGTTGTCATGATCATAATATTTGGATATTCTGCAATA
TATGGTTATACAAGCAGCATACAGGAATACCATATCTGTGAGTACTTAAAAATTGAATTTCTTTATT
GATTGGGAATGTTTTCTCTTTAA
  
```

Restriction Sites: SgfI-MluI
ACCN: NM_001276282
Insert Size: 1404 bp


[View online »](#)

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:	<u>NM_001276282.1</u>
RefSeq Size:	1836 bp
RefSeq ORF:	1404 bp
Locus ID:	26033
UniProt ID:	<u>Q5VV63</u>
Cytogenetics:	10q25.3
Protein Families:	Druggable Genome, Transmembrane
MW:	51.9 kDa
Gene Summary:	May play a role in melanocortin signaling pathways that regulate energy homeostasis. [UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) has its transcription extend past a splice site that is used in variant 1 and which results in a novel 3' coding region and 3' UTR, compared to variant 1. It encodes isoform 2 which is shorter and has a distinct C-terminus, compared to isoform 1. Sequence Note:.