

Product datasheet for **RN203272**

Amotl2 (NM_031717) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Amotl2 (NM_031717) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Amotl2
Synonyms:	Lccp
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN203272 representing NM_031717
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAGGACACTGGAAGACTCCTCAGGGACAGTCTGCACCGCCTCATCCAGGAGCAGCTGCGCTACGGCA
 ACCTGACAGAGACTCGCACTCTGTTGGCCATCCAGCAGCAGGCCCTGCGGGTGGGGCTGGAGCTGGGG
 CACAGGGAGCCCCAGGCCTCCCTGGAGATCGGAGCACCCGAGGACAGTCAAGTGTACAGCAGGCCACC
 AGGCAGGAGCCCCAGGGCCAGGAGCATCAGGGTGGAGAGACCCACCTGGCAGAGAACAGGCTGTACCGAC
 TCTGCCACAGCCAGCAAGGGAGAAGAGCTGCCACCTATGAGGAAGCCAAAGCCATTTCGAGTACTA
 TGCAGCGCAGCAGGCAGGCTCCCGGCTGCATGGTGGGACCGGGATCCTAGAGGGCCTCAGGAGGCAGC
 CGACGTCAAGATGAGGCTCTTCGAGAGTTGAGGCACGGCCATGTGCGCTCCTTGAAGCAGCTTCTGC
 AGCTGTCCCTGGAAGAAATGGTCCCGGGTCCCAGCCACATGAGCTCTTCCACAGTTTCCCTCAGT
 GGCCCGCAGCCAGCAAGGTCCCCAGCCCGAGGACCCCACTGAGGGCCCGGAGCCCCGTGGGCCACCA
 CCTCAGTACCCACAGCTGTAATGGCTCAGGAGACTGCGGCTGTCAATGACCCAAGATACCGTCCGAGAA
 GCAGCCACACTTCCAGCATGCTGAAGTCAGGATCCTGCAGGCACAGGTACCACCGGTTTTCTCCAGCA
 GCAACAGTACAGTACCTGCAGCAACCCAGGAGCACTCCCACCCCTCCATCCAGCCGCTCTAGGCCAT
 GGTCCCCCAAGTTCCTTCACTCCACCTGCCCTGGAGGGACACCCGGTGGCCAGGCCACTTCGGGCAGTG
 CCCACCTGGCCAGATGGAGAGCGTGTGAGGGAGAAGCCAGGCTGCAGAGGGACAATGAGCGGTTGCA
 GAGAGAGCTGGAGAGCACTTCAGAGAAGGCCAGCTGCATAGAAAAGCTGGAAAATGAAATCCAGCGGCTC
 TCAGAGGCCATGAGAGCCTGATGAGGACCTCGTCCAAGCGTGAAGCCCTGGAGAAGACCATGAGGAACA
 AGATGGACAGTGAATGAGAGCGTTACAGGACTTTAACCAGACCTTAGAGAGAGATTGGAGTCCGCAAA
 CCGCCACCTGGCAAGCAAGACCCAGGAAGCCAGGCGGGCAGTCAGGACATGGTGGCTAAACTGCTTGCT
 CAGAGCTATGAGCAGCAACAGGAGCAAGAGAAGCTGGAGCGGGAGATGGCGCTGCTGCGTGGTGCATCG
 AGGACCAGAGGGCAGCGGCTGAACTGCTGGAGCAGGCTCTGGGCAACGCGCAGAGCCGCGCCGCTCGAGC
 GGAGGAGGAGCTACGCAAGAAGCAGGCCTACGTGGAGAAGGTGGAGCGGCTGCAGCAGGCCTGGGACAG
 TTGCAGGCTGCTGTGAAAAGCGGGAGCAGCTGGAGCTGCGTCTGCGCACGCGCTGGAGCAGGAACTCA
 AAGCCTTGCAGCGCAGCAGAGGCAGACAGGCACCCTCACAGGTGGTGGCGGTAGCCCACTGGTCCAC
 GGAGCTCAGTGCCTGCGACTGTCAGAAGCTTCGGGAGAAGGAGGAACAGATACTGGCTTAGAGGCG
 GACATGACCAAGTGGGAACAAAAGTATTTGGAGGAACGGGCCATGAGGCAGTTTGCCATGGATGCGGCTG
 CCACTGCGGCTGCCAGCGAGACACCCTCTCATCAGACTCCCCCAGCCCTCGCCAGCAGCAGTTT
 CAACGAAGGCCTGCTGGCAGGCAACCACAGGCACCAGGAGATGGAGAGCAGGTTGAAGGTGCTCCATGCC
 CAGATCCTAGAGAAAGACGCAGTATCAAGTCCCTTCAACAGCGTTCCAGGAAAGACCCTGGCAAGGCTA
 CCCAGGGCACCCTACGGCCCGCAAGTCGGTGGCTCCATCTTTGCAGCTGCAGTGGGGACTCAGGGCTG
 GCAAGGGTTCTCAACCAGCGAGCGACAACTGATGCACCTGCCGACAGACAGTAGACCGTGGACCAGCA
 GAAGAGCCCCCGCCACACCTCTCCTGCCCCACCAAACATGGCAGCAGAGACGGGAGCACCCAAA
 CTGATGGCCCTGCAGACAGCACCTCTGCCTGCTGGCCTCAGAACCCGACAGCTCCTGGGTGCAACGG
 TAGCCAGAGGACAACCTCTGGACTCTATAGCTGCAACCAGAGTCCAGGATCTGTCAGACATGGTGGAA
 ATACTGATCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_031717
Insert Size: 2322 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:	NM_031717.1 , NP_113905.1
RefSeq Size:	4141 bp
RefSeq ORF:	2322 bp
Locus ID:	65157
UniProt ID:	G3V735
Cytogenetics:	8q32
Gene Summary:	human homolog has similarity to the angiotensin binding protein angiotensin [RGD, Feb 2006]