

Product datasheet for **RN217327**

Adam19 (NM_001160228) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Adam19 (NM_001160228) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Adam19
Synonyms:	Sox30
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN217327 representing NM_001160228
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCCCGGGCGCGGGCGTTCGCCGGTCTGCTTCTGCTGCTCTGCTCTGCAGCTACAGTGGCCGCTGG
 CGGCATGCGAACCAGGAATGGACCACAAGAGGAAGCAAAGAAGACAGCCCTCCACTACAACATGAACATCAT
 AATACCTCAGTGGAGGACTTCAGAAAGCCCGAGGGAGGAAAGCATCCACTCACGGCAGAGCTCAGGGTCT
 ATGGCTGAAGGGCGAGAGCTGATCCTGGACCTGGAGAAGAAGCAGCACCTTTTCTCCAGCCTACACAG
 AGACCTGCTACACCGCAAGTGGCAATCCTCAGACCACCACGCTGAAATCTGAGGATCACTGCTTTTACCA
 CGGGACTGTGAGGAAAGTGGATGAGTCCAGCGTCACTCTCAGCACCTGCCGGGAATTAGAGGACTGATT
 ATAGTGAGAAGTAACCTCAGCTACATCATCGAGCCCGTCCCTAACAGCGACAACCAACACCGTATTTACA
 GATCCGAACATCTCAAGCTGCCCGGGGAAGTGTGGTTCGAGCACTCCAGGCCACCTCTAAGGACTG
 GACCCCTCAGTTTACACATCAGACCAAAAAGCAACCTCGCAGAATGAAACGGGAAGATTTACTCTATG
 AAGTACGTGGAGCTTTATCTGGTGGCTGATTACGCAGAGTTTCAGAAGAACCAGGATGACCAGGATGCCA
 CCAACACAAGCTCATGGAGATTGCCAATATGTTGATAAGTTTTACCGTCCCTGAGCATCCGGATTGCG
 GCTTGTGGCTTGGAGGTGTGGACACACGGGATAAGTGTGAAGTCTCAGAGAATCCGACTCTACCCCTC
 TGGTCTTTCTCAGTTGGAGGCGCAAGCTGCTCACCCAGAAGAGCCATGACAATGCCAGCTAATCACGG
 GCAGGTCTTCCAAGGCACACCATTGGCTGGCCCCCTCATGGCCATGTGTTCTGTGTACCAGTCCGG
 AGGAGTTAGCATGGACCACTCCGAGAATGCCATCGGTGTAGCTCCACCGTGGCCACGAGATTGGCCAC
 AACTTTGGCATGAGCCATGATTCTGCACACTGCTGTTCTACCAGCGCAGCCGATGGTGGTGCATCATGG
 CTGCTACTACGGGGCACCTTTCCCAAAGTGTTCAGTTCTGTCGAACAGGAAGGAGCTGGACGATCTCT
 GCAGTCAGGAGGTGGATGTGTCTCTCCAACATGCCAGATACGAGGACTCTGTATGGAGGCGGAGGTGT
 GGCAATGGGTACCTGGAAGACGGTGAAGAATGTGACTGCGGAGAAGAGGACGAATGTAAGAACCCTTGT
 GCAATGCCTCCAAGTCACTCTGAAGGAAGGGGCGAGTGTGCCATGGCTCCTGCTGCCACAGTGTA
 GCTGGTGGCTCCTGGAACCCAGTGTGTCGAGCAGGTGCGGCAGTGTGATCTCCCGAGTTCTGCACGGGC
 AAGTCCCCCACTGCCCACTAATTACCAGATGGATGGCACCCCTGCGAGGGTGGCCAGGCTACT
 GCTACAATGGCATGTGCCTCACTTATCAGGAGCAGTCCAGCAGCTGTGGGGACCTGGAGCCAGGCTGC
 TCTTGATCTTTGCTTCGAGAGGGTGAATGCTGCTGGTGCACCTATGGTAACTGCCGCAAGGCTTGAAT
 GGCAAATACAGGAAGTGCAGCCCCAGGGATGCCAAGTGTGGGAAGATCCAGTGTGAGCAGCCAGGCCA
 GGCCCTGGAATCCAACGCAGTATCTATTGACACCACCTTACCTTGAACGGGAGGCGGATCCACTGTG
 GGGCACCCATGTCTACCGGGTCTGAGGAGGAAGAAGGGGAGGGTGACATGCTGGACCCAGGGCTGGT
 ATGACCGGACCAAGTGTGGCCACAACCATATTTGCTTCGAGGGGCAATGCAGGAACACCTCCTTCTTTG
 AGACGGAAGGCTGTGGGAAAAAGTGAATGGTCATGGGGTCTGCAACAACAAGAAGTGTATTGCTT
 CCCTGGCTGGGCTCCACCTTTCTGTAACACCCAGGAGATGGCGGCAGCATTGACAGTGGGCTTTGCC
 CCTAAGAGTGGGGTCTGTGATTGCTGGGGTGTCTTCTGCCCTCTTCTGTTGGCAGTCTGGTGTAT
 TGTGTCATTGCTACAGACAGAGCCACAACCTGGGCAAGCCCTCAGCTCTCCCTTTAAGCTGCGGCAACA
 GTTCAGTTGTCCCTTTCAGGGTGTCTCAGAATGGTGGAACTGGCCACGCCAACCAACTTTCAAGTTGCA
 ACACCCAGGGCAAGCGAAAGGTGACTAACACCCCTGAAACTCTCCGGAAGCCCTCCACCTCCTCCCC
 GGCCCCCTCCGGACTACCTACGAGTTGAATCCCATCCTGCACCACTGCCAGCACATCTGAACAGGGCTGC
 TGGGAGCTCACCAGAAGCTGGAGCTCAGATAGAAAGAAAGGAATCAGCCAGAAGACCTCCCCAAGCCGG
 CCCATGCCCTGCACCGAACTGCCTACTGTCCCAGGATTTCTCCAGGCTCGACCACCTCAGAAGGCAC
 TCCCAGCGAATCCTGTGCCGGGCCAAAGGACTGTTCCCAGGCCAGGAGGCACCTCCCTGTTTATCCCC
 TACTACTGGTCTCAGCCTCCAGGCTCCAGCAGTGTCTGTTCCAAAGCTTCTGAGTACCGATCACAG
 AGGATTGGAGGGATAACAGCTCCAAGAT**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN:	NM_001160228
Insert Size:	2763 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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_001160228.1, NP_001153700.1</u>
RefSeq Size:	6286 bp
RefSeq ORF:	2763 bp
Locus ID:	303068
Cytogenetics:	10q21
Gene Summary:	membrane-bound metalloprotease-disintegrin similar to meltrin beta; may be involved in neural crest, muscle and skeletal developmental morphogenesis [RGD, Feb 2006]