

Product datasheet for **RR217327**

Adam19 (NM_001160228) Rat Tagged ORF Clone

Product data:

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



[View online »](#)

**ORF Nucleotide
Sequence:**

>RR217327 representing NM_001160228
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCCCGGGCGCGGGCGTTCGCCGGTCTGCTTCTGCTGCTCTCGCTCTGCAGCTACAGTGGCCGCTGG
 CGGCATGCGAACCAGGAATGGACCACAAGAGGAAGCAAAGAAGACAGCCCTCCACTACAACATGAACATCAT
 AATACCTCAGTGGAGGACTTCAGAAAGCCCGAGGGAGGAAAGCATCCACTCACGGCAGAGCTCAGGGTCT
 ATGGCTGAAGGGCGAGAGCTGATCCTGGACCTGGAGAAGAAGCAGCACCTTTTGGCTCCAGCCTACACAG
 AGACCTGTACACCGCAAGTGGCAATCCTCAGACCACCACGCTGAAATCTGAGGATCACTGCTTTTACCA
 CGGGACTGTGAGGAAAGTGGATGAGTCCAGCGTCACTCTCAGCACCTGCCGGGAATTAGAGGACTGATT
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 GATCCGAACATCTCAAGCTGCCCGGGGAAGTGTGGTTCGAGCACTCCAGGCCACCTCTAAGGACTG
 GACCCCTCAGTTTACACATCAGACCAAAAAGCAACCTCGCAGAATGAAACGGGAAGATTTACTCTATG
 AAGTACGTGGAGCTTTATCTGGTGGCTGATTACGCAGAGTTTCAGAAGAACCAGGATGACCAGGATGCCA
 CCAACACAAGCTCATGGAGATTGCCAATATGTTGATAAGTTTTACCGTCCCTGAGCATTCCGGATTGC
 GCTTGTGGCTTGGAGGTGTGGACACACGGGATAAGTGTGAAGTCTCAGAGAATCCGACTCTACCCCTC
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 GGCAATGGGTACCTGGAAGACGGTGAAGAATGTGACTGCGGAGAAGAGGACGAATGTAAGAACCCTTGTCT
 GCAATGCCTCCAAGTGCCTCTGAAGGAAGGGGCGAGTGTGCCATGGCTCCTGCTGCCACCAGTGTAA
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 AAGTCCCCCACTGCCCCACCACTATTACCAGATGGATGGCACCCCTGCGAGGGTGGCCAGGCTACT
 GCTACAATGGCATGTGCCTCACTTATCAGGAGCAGTCCAGCAGCTGTGGGGACCTGGAGCCAGGCTGC
 TCTTGATCTTTGCTTCGAGAGGGTGAATGCTGCTGGTGCACCTATGGTAACTGCCGCAAGGCTTGAAT
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 GGCCCTGGAATCCAACGCAGTATCTATTGACACCACCTTACCTTGAACGGGAGGCGGATCCACTGTCTG
 GGGCACCCATGTCTACCGGGTCTGAGGAGGAAGAAGGGGAGGGTGACATGCTGGACCCAGGGCTGGTG
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 CCCTGGCTGGGCTCCACCTTTCTGTAACACCCAGGAGATGGCGGCAGCATTGACAGTGGGCTTTGCC
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 TACTACTGGTCTCAGCCTCCAGGCTCCAGCAGTGTCTGTTCCAAAGCTTCTGAGTACCGATCACAG
 AGGATTGGAGGGATAACAGCTCCAAGATC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGAT AAGGTTTAA

Protein Sequence: >RR217327 representing NM_001160228
 Red=Cloning site Green=Tags(s)

MPGRAGVARFCLLALALQLQWPLAACPEWTTTRGSKEDSPPLQHELIIPQWRTSESPRGGKHPLT AELRV
 MAEGRELILDLEKNEHLFAPAYTETCYTASGNPQTTLKSEDHCFYHGTVRKVDSESVTLSTCRGIRGLI
 IVRSNLSYIIIEPVPNSDNQHRIYRSEHLKLPNGCGFEHSRPTSKDWTLOFTHQTKKQPRRMKREDLHSM
 KYVELYLVDYAEFQKNRHDQDATKHKLMEIANVVDKFYRSLIRIALVGLLEVWTHGDKCEVSENPYSTL
 WSFLSWRRKLLTQKSHDNAQLITGRSFQGTIIGLAPLMAMCSVYQSGGVSMDSHENAIGVASTVAHEIGH
 NFGMSHDSAHCSTSAADGGCIMAATGHPFKVSSCNRKELDRYLQSGGMCLSNMPDTRTYLGGRRRC
 GNGYLEDEGECDCGEDECKNPPCCNASNCTLKEGAECAHGSCCHQCKLVAPGTQCREQVRQCDLPEFCTG
 KSPHCPTNYYQMDGTPCEGGQAYCYNGMCLTYEQCQQLWGPGARPALDLCFERVNAAGDYGNGCKGLN
 GKRYKCSPRDAKCGKIQCQSTQARPLESNAVSIDTTITLNGRIHCRGTHVYRGPEEEEEEGDMLDPLV
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 PKSAGPVIAGVFSALFVLAVLVLLCHCYRQSHKLGKPSALPFKLRQQFSCPFVRSQNGGTGHANPTFKLQ
 TPQGRKVTNTPETLRKPSHPPRPPDYLRVESHAPLPAHLNRAAGSSPEAGAQIERKESARRPPPSR
 PMPPAPNCLLSQDFSRPRPPQKALPANVPVPGQRTVPRPGTSLFHPPTTGPQPPRPPAVSVPKLPEYRSQ
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TRTRPLEQKLISEEDLAANDILDYKDDDDKV

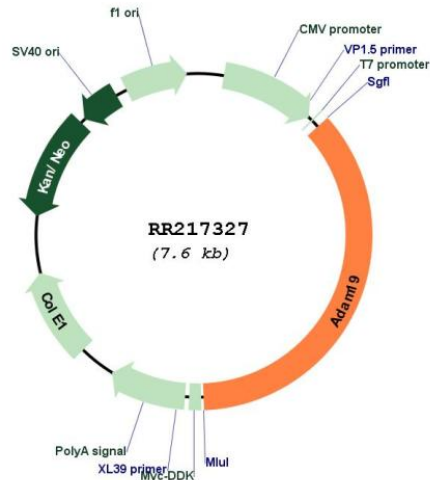
Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001160228

ORF Size: 2760 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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_001160228.1](#), [NP_001153700.1](#)

RefSeq Size: 6286 bp

RefSeq ORF: 2763 bp

Locus ID: 303068

Cytogenetics: 10q21

MW: 101.1 kDa

Gene Summary:

membrane-bound metalloprotease-disintegrin similar to meltrin beta; may be involved in neural crest, muscle and skeletal developmental morphogenesis [RGD, Feb 2006]