

Product datasheet for **RN207326**

Adam4l1 (NM_001109277) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Adam4l1 (NM_001109277) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Adam4l1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF:

>RN207326 representing NM_001109277

Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCCGCATCGCC

ATGGCTCCCTTCCTCAGACCATCTACCTGGAATCGAGTCTCCTGTCTCAGTACTCTCTGGCTCTCTGTGT
TTGGTTCGCTGTTGTCTCCTGTCTGCTGTTCCCATGGTCCACCCAAATGGCGCTTCTCTACCTCTGAAGT
TGTGATCCCCAGGAAGGTTCCCCAGAGAATGGGTAAGTATGTCAGGGCAGATCACCTATAGCATG
CGCTTTAGGGGACAAAGACATGTGGTCCACATGAACTCAAGAAGACATGATTTCTCAAACTTTCCTG
TATATACTTCTAATGACCAAGGAGCCAGCAAGAGGATTACCCCTTTGTCCCTCAGGACTGTTACTTCTA
CAGCTACCTGGAAGGAGTCCCTGGTCCCAAGCTACACTAGATACCTGCACTGGAGGTCTGAAAGGCATG
ATACGGGTGGATGACTCCACTTATGAAATCAAACCATGACATCTTCTCCAAATTTGAGCATGTAATTT
CTCTACTTGTGGTGGATGAAAGGTCACGTAAGTCTAAAAAGTGTAGAAATGATGAGATTATGGCAGAGGC
AGGTGACTCCCTTGTTAAAGAGACTAAGCTTGCAGGAAGTCCAGAGCAGCTCCCGTATATCTGTGGCGT
ATACATGTGAAAAGCATAGCAATAATGTACACCGTGACTCACCAGTATTCCTAGATGGCGGGAGTAACA
TTACACAGTCACTTGAGTTAACAATGACTTTGAACACCATAGCAGATAGCATATATAGACCAAGTGGTTT
GATTGTGTTTATACGTGCTCTATGTCTCTGGAATGACGGTGACCACTTCCCCACAGGCGATGGGAATATT
TGGAGACTTATGGAACGTTATGGCTATTGGAAAGCTCGCTTTTCTGGGAGATGCACCATGCCACTGCAG
CTCTTCTTATATCAAATATACGTTCAAATGCAGAGTATGCAGGCTTTTCCAGGATGGAGTATGTAACCCCA
CTGGGGAGTATTATATACACATGTAGGAAAAACCATTATTTTCTGGCTGCTTCTTCTGGCTCATGCA
GTGGGTACATTCTGAACGTAGGTATGATAAACCGGGCTGTGTTGTTTTCAGAAAGGAGTCTTGTACCA
TGCATGAATATCCTACTCTTCATGATATGATGAGCAATTGTTCCATAATGTCCTCCATTATAGGATCCA
TGACTGGGATGGTTGCTTGAGTCAACACGTGTTTCATATAGGTGGATAAATTATGCCGTTCTCGTTGT
GGAAATAAGATAGTGGATAATGGCGAGAAATGTGACTGTGGTTCTTTTAAAGACTGTGCCTCTGATCATT
GCTGTGGAACCACTTGTGAGCTCACGGCAAGCAGTGTTTGTGCTTCAGGAGGATGCTGCCAGTCTTGTA
GTTTGCACCCATTGGAACAGTATGCAGACAAAAGGTGGCATTGTGATCTTCAGAATACTGTAGTGGA
AAATCAGAGCATTGTCCAGGAAATTTTACATCATGGATGGAACCCCTTGTCTCCACTAGCAGTCTGCG
TGTCAGGAACTGTAGCGACCGCAATTGCAGTGTCAAGCTCTTTTGGATTCAACGTAAGGATGCTTC
ACCAGCATGCTATAAAGAATTAATAACCAAGGTGACCGATTGGAACTGTGGGATTAGAGAGGTACGT
GGAGGAAGTAAACCTATGCGATGTCAAGAGGAGGATGTTTATGTGGACAGATTCACTGTGATGGTGTCA
AGTTCATTCTCGTGGAGGTGAGCACACTACCTTTCATACATAAAGGTAAATGGATATTAAGAAGAAC
GTGCTTTGGGTATGATGCACACCATGGGGCACAAGTACCGGAAATGGGACTCGTAGTGGATGGTGAACC
TGTGGCCAGGGAATATTGTAGAGGACAAAGATGTGTTTTTCATCAAATATGGGATTTAACTGCAATG
TTAGTAAGTGTAACTATAAAGGGGTGTGTAAACCAAGGCAACTGTCACTGTGTTCAAGGCTGGCAACC
ACCAGATTGTATAGAAAAGGAGCAGGTGGTAGTAAACAGTGGTCTGCAGTTATTTATGAGAAAAGA
ATTCGAGCCAAAGTACATATGAGTATCAACAGGCTAATAATTCTTCTAGGTAAGTGAATGTTTCTATCT
TTGCCCTCGATTATTTCTGGTGCAATTTCAAAGCAGTTTTACGTCCAGTAGGGGACCAATATCCCCCTA
TTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-MluI

ACCN:

NM_001109277

Insert Size:

2244 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:	<u>NM_001109277.1, NP_001102747.1</u>
RefSeq Size:	2464 bp
RefSeq ORF:	2244 bp
Locus ID:	500688
Cytogenetics:	6q24