

Product datasheet for **RR216589**

Aadacl3 (NM_001191768) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Aadacl3 (NM_001191768) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Aadacl3
Synonyms: RGD1563257
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR216589 representing NM_001191768
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGTGGTTCTGGCCCTGACACTCCTTGTAGATGCAGTTGCTGTGTTCTTACTGGGCAGTGTGCTGTGGG
TGATCTGCAGACACTTATGGACTGAACACATCCCTGAAGGCATCACTCACCCATGAGGCTGCGAGTCTT
CAGTTGCCTTCTCCAGCTGTCAGTGCATGGGGAATGCTTTTTGAGAACTGGGACTCTGTTATGCACCC
CAGTTTGCCAGTTTTCTGCATGATCTGATGCCACTCAAAAAGATCCTGATGTTGTGGTCAAAGATGTTT
ACTTTGAGACAATTCTGTGAAGCTATAACAAGCCAAGAAACCCCTCCCGTTCCAAGAATTGGAATCAT
TTTCTTCCATGGTGGTGAACCATCCTAGGGAGCTTAAGAACCACACAGCATATGCTTGCCTTTGTCC
AAGGACTGTGACGCTGTTGTCAATTCAGTTGGATACAGAAAGTCTCCCATGTACAAGTATCCAGTGTGA
AAGATGACTGTGTGGCCGCCACCCACTTTCTGAGATCATTGGATGTGTATGGAGTGGATCCAGATCG
TTTGGTAGTCTGCGGTGACAGTGTAGGAGGGACTGCAGCCGCTGTGACTAGTCAAACAGTGTGCACCGA
AAAGATCTCCCCAAATCCGGGCTCAGATTTTGATCTACCCCTCACTGCAACTGGTAGATTTTGGGAGCC
CTTCTTATCAACAGAATTTCAATGTCCCACTGCTCACTTCGAATCTGGCCTTGTACTGCTCTGTTGCCA
CCTAGATGTGAAGCTTCTGGCAAAGTGTCAAAAGAGTGGTAGGCATTTGCCTCCAGAAATCTGGGAG
AAATACAGAAAGTGGTTGGTGTAGAAAACATCCAGAGAGGTTTAAAGCAAGGCTACAAACCTATAC
CTCGGGGGCCGGTGAATAACGAGGTTTACCAAGAAATAAAAACCTGCACTGAACAACACTTGTCCACCCCT
CCTCGCAGAAGACAGTTTGTGTCTCAGCTCCCAGAAACCTGCATTGTGAGCTGTGAGTATGACCTTTT
CGGGACCATTCTCTTATAAAGAGAGGCTGGAAGCTCTAGGGGTGCCTGTGACATGGCATCATATGG
AGGATGGCTTCCATGGAGTGCTAACACCTTTGAGTTCGGACTTCTGAGTATCCCTTGTCTCTTGAGAT
TATGGACCTGATTATCCGGTTCATTAATAAATTC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RR216589 representing NM_001191768
Red=Cloning site Green=Tags(s)

MVVLAL TLLVDAVAVFLLG SVLWVICRHLWTEHIPEGITHPMRLRVL SCLLQLSL TWGMLFEKLG LCLYAP
 QFASFLHDL MPLKKDPD VVVKDVHFETIPV KLYKPKKPSSVPRIGIIF FHGGGTILGSLRTHHSICLRLS
 KDCDAVVISVGYRKS PMYKYPVMKDDCVAATTHFLRSLD VYGVDPDR LVCGDSVGGTAAAVTSQT VVHR
 KDLPQIRAQIL IYPSLQLVDFGSPSYQQNFNVP LLTNSLALYCF CCHLDVKLSWQSVIKSGRHL PPEIWE
 KYRKWLGVENIPERFKKQGYKPIPRGPNNEVYQEIKTALNNTCSPLLAEDSLVSQLPETCIVSCEYDLF
 RDHSLLYKKRLEALGVPVTWHH MEDGFHGLN TFEFGLLSIPCSLRIMDLIIRFIKKF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

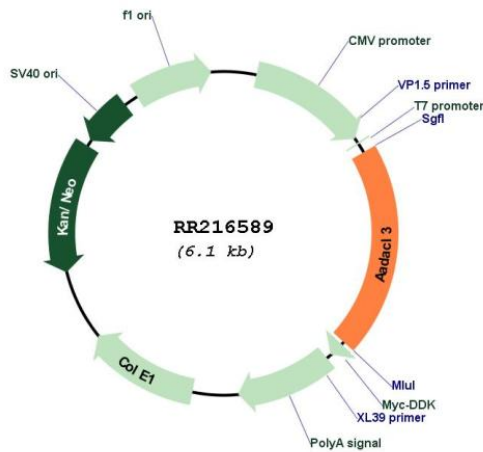
Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001191768

ORF Size:	1224 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:	<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_001191768.1 , NP_001178697.1
RefSeq Size:	1227 bp
RefSeq ORF:	1227 bp
Locus ID:	313686
Cytogenetics:	5q36
MW:	46.2 kDa