

Product datasheet for MR212927

Aadacl3 (NM_001085503) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Aadacl3 (NM_001085503) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Aadacl3
Synonyms:	Gm435
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR212927 representing NM_001085503 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGTGGTTCTGGCCCTGACACTCCTTGTAGGTTCAAGTTCAGTTGCTGTGTTCTCACTGGGCAGTCTGCTGTGGG
TGGTCGGCAAACACTTCTGGACTGAACACATCCCTGAAGGCATCACTCACCCCTGGAGGCTTCAATCCT
CAGTTGCTTATTTTCATCTGACAATGACATGGGGATGATTTTTGAAAACTGGGACTCTGTTATGCACCC
CAGTTTCCAGTTTTTTGCATGATCTGAAACACTGAAGAGAGATCCTGATGTTGTGGTGAAGATCTTC
ACTTTGGGACAATCCCTGTGAAGCTTTACAAGCCAAGAAACCCCTCCATCCCAAGGCTTGAATCAT
TTTCTTCCATGGTGGTGAACCATAGGGAGCTTGAGAACCCACAACAGCATATGCTTGCCTTGTCC
AAGGAGTGTGACTCTGTTGTCGTTTCAGTTGGATACAGGAAATCTCCCATGTACAAGTACCCAGTATGA
AAGATGACTGTGTAGTAGCCACTACCCACTTTCTGGAATCATTGGATGTGTATGGAGTGGATCCAGCTCG
AGTGGTGACCTGTGGTGACAGTGTAGGAGGAATGCAGCCACTGTGACTAGTCAAATGTTAGTGCACCGA
CCAGATCTCCCCCGATCAAGGCTCAGATTTTGTCTACCCCTTACTGCAATTGATAGATTTTGGGAGCC
CCTCTTATCAACAGAATAGAAACATCCACTGCTCTCTGGGATCTGGCCTTCTACTGCTTCTGTTGCCA
CCTAGATGTGAACATTTCTGGAAAAGTGTGTAAGAATGGGATGCATTTGCCCTCCGACGTCTGGGAG
AAATACAGAAAGTGGCTAGGTGCAGAAAACATCCAGAGAGTTAAGAATCGAGGCTACAAATCTATAC
CCTGGGGTCTGTGAATAATGATGCTTACCAAGAGATAAAACGTTCACTGAACTATACCTGCTCACCCCT
CATCTCAGAAGACAGTATAGTATCTCAGCTCCCAGAAACCTGCATTGTGAGCTGTGAGTATGACCTTCTC
CGGGACCATTTCTCTTATAAGAAGAGGCTAGAAGTCTGGGGTGCCTGTCACGTGGCATCATATGG
AAGATGGCTTCCATGGAGTGCTTAGTGCCTTGACTATGGATTATTGAGCTTCCCTTGCCTCGAGAAT
TATGGACCTGATTATTCAGTTCATTAGAAAGTTC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR212927 representing NM_001085503
Red=Cloning site Green=Tags(s)

MVVLAL TLLVGSVAVFSLGSLLVVVGKHFVTEHIPEGITHPWRLRILSCLFHLTMTWGMIFEKLGLCYAP
 QFASFLHDLKPLKRDPDVVVDLHFGTIPVKLYKPKKSSIPRLGIIFHGGGTIIGSLRTHNSICLRLS
 KECDSVVVSVGYRKS PMYKYPVMKDDCVATTHFLES LDVYGVDPARVVT CGDSVGGTAATVTSQMLVHR
 PDLPRIKAQIL IYPLLQLIDFGSPSYQQNRNIPLLSWDLAFYCFCHLDVNI SWKSVVKNGMHLPPDVWE
 KYRKWLGAEINIPERFKNRGYKSI PWGPVNNDAYQEIKRSLNYTCSPLISEDSIVSQLPETCIVSCEYDLL
 RDHSLLYKKRLEDLGVPTVHHMEDGFHGVLSALDYGLLSFPCASRIMDLIIQFIRKQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mm9081_h04.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



* The last codon before the Stop codon of the ORF

ACCN: NM_001085503

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:

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_001085503.2](#), [NP_001078972.1](#)

RefSeq Size: 3153 bp

RefSeq ORF: 1227 bp

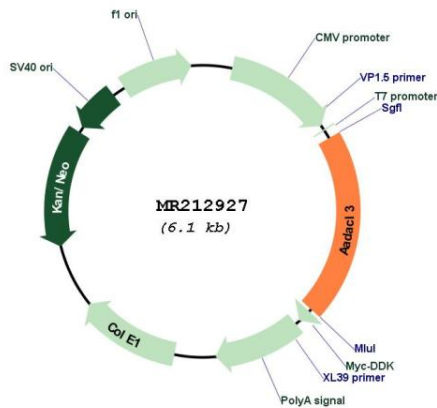
Locus ID: 230883

UniProt ID: [A2A7Z8](#)

Cytogenetics: 4 E1

MW: 46.3 kDa

Product images:



Circular map for MR212927