

Product datasheet for **MG212694**

Aadacl2 (NM_001128091) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Aadacl2 (NM_001128091) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Aadacl2
Synonyms:	EG639634
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG212694 representing NM_001128091 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGGATCAAAGCTCTCTGTTTTGGACTGCTTTGTGTTAGCTTTTTATCTTGATTTTACACCCGTGC
CTGACAACATTGAAGAACTGGAAAGTAAATGGCTTTGGATACAGTTGCTAAAACCTGTTCCCTTATGGC
TTTGTGCTTGAAAACCTAGGTGTCATGAGATATGAAGAATTTATCTCCATGATAATCAACTGGATTAC
ACACAACCGCTTCTGATGAACACATCACAGTAACCGATACTGCCTTTGTTGACATTCCTGTGCGTTTGT
ACCTTCCAAGAGAAAAGTCAGAAGCCCCAAGACGAGCTGTGATCTATTTTCATGGAGGAGGTTTTGTTT
CGGGAGTTTTAAGCAGAGGGCTTTTGATTTCTGAATAGATGGACTGCAAACAACTTGACGCTGTTGTT
GTAGGAATAGACTACAGGCTAGCGCCTCAACATCACTTCCCTGCACAATTTGAAGATGGTATCACAGCAG
TCAAGTTTTTCTTCAAGATAAAATTCTAACAAAGTATGGAGTAGATCCTACCCGAATTGCTGTGTCAGG
AGACAGTTCTGGAGGAACTCTGGCTGCAGCGGTGACACAACAGGTGCAGATTGATCCTGAAGTAAAGCAT
AAACTCAAGCTGCAAGCCCTGCTTATCCTGGCTTGCAAGGTGATTGACACTCACTTGCCATCTCATCGAG
AAAACGAACATGGCATAGTTCTGACAAGGGACATAGCCATAAACTTGAGTTGTTTTTACCAAGGA
TGAGGCACTTCCACAGGCAATGAGAAAAACCAGCACATGCCTCCAGAGTCCAGACATCTCTTCAAGTTT
GTCAACTGGAGTACTTCTCCCTGACAAGTTTAGAAAGGACCATGTATACACTGAGCCTGTGCTTGAA
GATCGGCTTTCTCCCTGCCAGCGCTGATGGACCACAGAGCATTGCCCTTGTAGCCAGTGATGACCACTT
ACAGCACTTGCCACAAACATACATTCTTACCTGTCAACATGATGTCTGAGAGATGATGGGATCATGTAT
GTTTCAAGACTTCAAAGGTTGGAGTCCAAGTTTTCCATGACCATGTTGAGGATGGAATCCACGGAGCCT
TATCATATGACATCGCCACTTCACTTAGATCTAGGGCTGAGGATAAAAGATATGTATGTTAGTTGGCT
GGATAATAATTTA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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 Red=Cloning site Green=Tags(s)

MGFKALCFGLLCVSLSCIYTPVPDNIETWVKMALDTPVAKTCSLMALCLENLGVMRYYEYFISMIINLDY
 TQPLSDEHITVTDTAQVDIPVRLYLPKRKSEAPRAVIYFHGGGFCGFSFKQRAFDFLNRWTANKLDAVV
 VGIDYRLAPQHHPAQFEDGITAVKFFLQDKILTKYGVDPTRIAVSGDSSGGTLAAAVTQQVQIDPEVKH
 KLLKQALLYPGLQVIDTHLPSHRENEHGI VLRDIAIKLVSLFFTKDEALPQAMRKNQHMPPE SRHLFRF
 VNWSTLLPDKFRKDHVYTEPVLGRSAFSLPALMDHRALPLLASDDHLQHLPTQYILTQCQHDVLRDDGIMY
 VSRLQKVGQVFHDHVEDGIHGALSYMTSPLHLDLGLRIKDMYVSWLDNNL

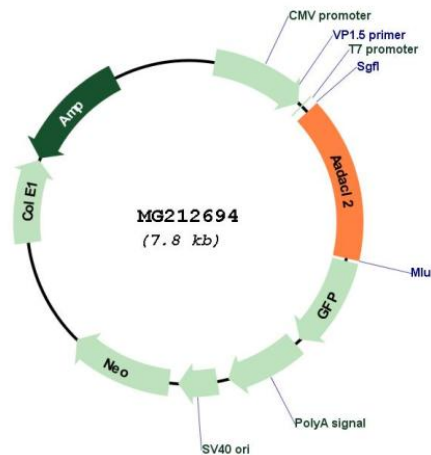
TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001128091

ORF Size:	1203 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_001128091.1 , NP_001121563.1
RefSeq Size:	1590 bp
RefSeq ORF:	1206 bp
Locus ID:	639634
Cytogenetics:	3 D