

Product datasheet for MR205794

Adck4 (BC013485) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Adck4 (BC013485) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Adck4
Synonyms:	0610012P18Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR205794 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCTCAGTATCCAGGACAACAGCTTTATCAGCCCCAGCTTCAGCGAATCTTTGAGAGGGTCCGACAGA
GTGCCGACTTTATGCCCGCTGGCAAATGATGAGAGTTCTAGAAGAGGAGCTAGGCAAGGACTGGCAAGA
CAAGGTGGCTCCCTCGAGGAAGTGCCCTTTGCTGCTGCCTCCATTGGGCAGGTACACCAAGGCTTGCTA
AAGGATGGGACTGAGGTGGCTGTGAAGATCCAGTACCCAGGTGTTGCCAGAGCATCCAGAGTGACGTGG
AGAACCTGCTGGCCCTGCTCAAGATGAGTGTGGCCTGCCAGAGGCCTGTTTGTGAGCAGAGCCTGCA
GACCTTGACGAGGAGCTGGCTTGGGAATGTGACTACCGCAGAGAAGCGGCTGTGCCAGACCTTCAGG
AAGCTCTTAGCTGACGACCCCTTCTCCGAGTGCCAGCTGTGGTGCAGGAGCTATGCACTACACGGGTGC
TGGCATGGAGCTGGCTGGGGGAATCCCTCTAGACCAGTGCCAGGGCCTGAGCCAAGACATCCGGAATCA
GATCTGCTTTAGCTCCTGAGGTTGTGTCTGCGGGAAGTGTTCAGATTTCAGACTGATCCC
AACTGGGCCAACTTCTGTATGATGCCTCCAGCCACCAGGTGACTCTACTGGATTTTGGTGAAGCCGGG
CGTTTGGGACAGAGTTCACGGACCATTACATTGAGGTGGTGAAGGCTGCAGCAGATGGAGACAGAGATCG
AGTTCTACAGAAATCCCAGGACCTCAAGTTCCTTACAGGCTTTGAAACCAAGGCATTCTCTGACGCCAC
GTCGAGGCAGTGATGATCCTGGGGGAGCCCTTTGCTGCCTCAGGCCCTACGACTTGGGGCTGGAGAGA
CTGCTCGCCGAATACAGGGCCTCATCCCGGATTGCTTCGGCACCGGCTGCGCCACCGCCTGAGGAGAC
CTATGCTCTACACCGCAAGCTAGCTGGGGCTTTCTTAGCCTGTGCCGTCTCCACGCCACATCGCCTGC
CGGGACCTCTTCCAAGATACCTACCACCCTACTGGGCCAGTCGCCAGACACTGCCGCTGCCAGCAGCCT
CC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR205794 protein sequence
Red=Cloning site Green=Tags(s)

MLSIQDNSFISPQLQRIFERVRQSADFMPRWQMMRVLEELGKDWQDKVASLEEVFPAASIGQVHQGLL
 KDGTEVAVKIQYPGVAQSIQSDVENLLALLKMSVGLPEGLFAEQSLQTLQQLAWCEDYRREAACAQTFR
 KLLADDPFFRVPVAVVQELCTTRVLGMELAGGIPLDQCQGLSQDIRNQICFQLRLCLRELFEFRFMQTD
 NWANFLYDASSHQVTLDFGASRAFGEFTDHYIEVVKAAADGDRDRVLQKSQDLKFLTGFETKAFSDAH
 VEAVMILGEPFAASGPYDFGAGETARRIQGLIPVLLRHRLRPPPEETYALHRKLAGAFLACARLHAHIAC
 RDLFQDQTYHRYWASRQTLPLPAAS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

ACCN: BC013485

ORF Size: 1122 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: [BC013485](#), [AAH13485](#)

RefSeq Size: 1773 bp

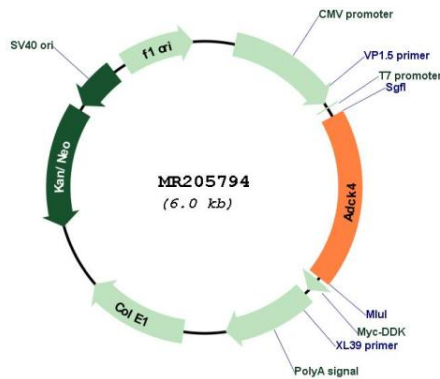
RefSeq ORF: 1124 bp

Locus ID: 76889

Cytogenetics: 7 A3

MW: 42.3 kDa

Product images:



Circular map for MR205794