

Product datasheet for **MG205794**

Adck4 (BC013485) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Adck4 (BC013485) Mouse Tagged ORF Clone
 Tag: TurboGFP
 Symbol: Adck4
 Synonyms: 0610012P18Rik
 Mammalian Cell Selection: Neomycin
 Vector: pCMV6-AC-GFP (PS100010)
 E. coli Selection: Ampicillin (100 ug/mL)
 ORF Nucleotide Sequence: >MG205794 representing BC013485
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCTCAGTATCCAGGACAACAGCTTTATCAGCCCCAGCTTCAGCGAATCTTTGAGAGGGTCCGACAGA
 GTGCCGACTTTATGCCCGCTGGCAAATGATGAGAGTTCTAGAAGAGGAGCTAGGCAAGGACTGGCAAGA
 CAAGGTGGCTCCCTCGAGGAAGTGCCCTTTGCTGCTGCCTCCATTGGGCAGGTACACCAAGGCTTGCTA
 AAGGATGGGACTGAGGTGGCTGTGAAGATCCAGTACCCAGGTGTGCCAGAGCATCCAGAGTGACGTGG
 AGAACCTGCTGGCCCTGCTCAAGATGAGTGTGGGCTGCCAGAGGCCTGTTTGTGAGCAGAGCCTGCA
 GACCTTGACGAGGAGCTGGCTTGGGAATGTGACTACCGCAGAGAAGCGGCTGTGCCAGACCTTCAGG
 AAGCTCTTAGCTGACGACCCCTTCTCCGAGTGCCAGCTGTGGTGCAGGAGCTATGCACTACACGGGTGC
 TGGCATGGAGCTGGCTGGGGGAATCCCTCTAGACCAGTGCCAGGGCCTGAGCCAAGACATCCGGAATCA
 GATCTGCTTTAGCTCCTGAGGTTGTGTCTGCGGGAAGTGTGAGTTTCAGATTCATGCAGACTGATCCC
 AACTGGGCCAACTTCTGTATGATGCCTCCAGCCACCAGGTGACTCTACTGGATTTTGGTGAAGCCGGG
 CGTTTGGGACAGAGTTCACGGACCATTACATTGAGGTGGTGAAGGCTGCAGCAGATGGAGACAGAGATCG
 AGTTCTACAGAAATCCCAGGACCTCAAGTTCCTTACAGGCTTTGAAACCAAGGCATTCTCTGACGCCAC
 GTCGAGGCAGTGATGATCCTGGGGGAGCCCTTTGCTGCCTCAGGCCCTACGACTTGGGGCTGGAGAGA
 CTGCTCGCCGAATACAGGGCCTCATCCCGGATTGCTTCGGCACCGGCTGCGCCACCGCCTGAGGAGAC
 CTATGCTCTACACCGCAAGCTAGCTGGGCTTTCTTAGCCTGTGCCCGTCTCCACGCCACATCGCCTGC
 CGGGACCTCTTCCAAGATACCTACCACCCTACTGGGCCAGTCGCCAGACACTGCCGCTGCCAGCAGCCT
 CC

ACGGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG205794 representing BC013485
 Red=Cloning site Green=Tags(s)

MLSIQDNSFISPQLQRIFERVRQSADFMPRWQMMRVLEELGKDWQDKVASLEEVFFAAASIGQVHQGLL
 KDGTEVAVKIQYPGVAQSIQSDVENLLALLKMSVGLPEGLFAEQSLQTLQQLAWECDYRREAACAQTFR
 KLLADDPFFRVPVAVVQELCTTRVLGMELAGGIPLDQCQGLSQDIRNQICFQLRLCLRELFEFRFMQTD
 P NWANFLYDASSHQVTLDFGASRAFGTEFTDHYIEVVKAAADGDRDRVLQKSQLKFLTFGETKAFSDAH
 VEAVMILGEPFAASGPYDFGAGETARRIQGLIPVLLRHRLRPPPEETYALHRKLAGAFLACARLHAHIAC
 RDLFQDTYHRYWASRQTLPLPAAS

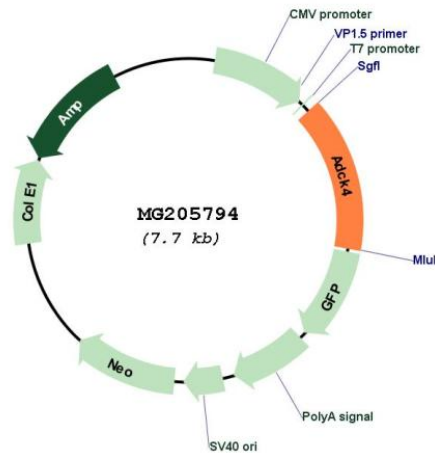
TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: BC013485

ORF Size:	1124 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:	BC013485 , AAH13485
RefSeq Size:	1773 bp
RefSeq ORF:	1124 bp
Locus ID:	76889
Cytogenetics:	7 A3