

Product datasheet for **MG204824**

Acbd4 (BC048371) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Acbd4 (BC048371) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: Acbd4
Synonyms: 2010009P05Rik; 2010015A21Rik; AI849317
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG204824 representing BC048371
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGGTACCGAGAAGGAAGACCCGACTGTCAAAAACAGTTCCAGGCAGCAGTCAGCGTCATTCAGAACC
 TGCCTAAGAAATGGCTCTTACCGCCCTCCTATGAAGAGATGCTGCGATTCTACAGCTACTACAAGCAGGC
 TACCATGGGGCCCTGCCTGGTCCCCGGCCTGGGTTCTGGGACCCATTGGACGTTACAAGTGGGATGCC
 TGGAACAGACTGGCAAGATGAGCAGGGAGGAAGCCATGTCTGCCTACATCTCTGAGATGAAGCTGGTGG
 CACAGAAGGTGATCGACACAGTGCCCTGGGCGAGGTGGCAGAGGATATGTTGGTTATTTTCGAGCCCT
 GTACCAGGTGATCCCTGACATGCCGAGGCCCCAGAAACCTTCTTGAGAAGGGCCACAGGTTGGAAGGAG
 CCGTTGGTGCAGAGAGAGGATCAGGCGGCTCCAGAGCCTTCTTGTGTCCCAAGGAGCCAGTGCCTCCAA
 GTCCAGAGTCCCGGCCACCCAGAGACCTGGACCTGGAGGTTTTCTGTGACTCCGTGGAACAGCTAGAGCC
 AGAGTTGGTGAGACTGCCTGTCTTGTCCCCGTTGCTGCTGAGCCCGAGTTGTGCCACCTCCCCCTGGG
 ATCTGGGACTCCTCAGCTCAGCAGGTTTGGGCAGAGCAGAAGGAAGCAGCTGGCAGAGAGCTGACCACCA
 GGAGCAGCCCCGAGTCCACTGGGAGAAGGAGGGGTTGGGAGGCCGCTGATAGGCCACAGGAGTTGGA
 CACATGGCTGGTGGGACAGTCCGGGCCATGCAGGAAAGCATGAAGGACGTTACAGGAGGCTACAGAGC
 CTGGAGAGCAAGCCCCAGCCACTCAAGCAGAGGTCGCCAGGACTCGGCCCTGGCCCTAGGGCTCTCCG
 TTCCCACGCTGCTTTTATCCTGTGCCCTTCGTTGTCCAGTGGCTCTTCCGACAGTTTCGGACCCA
 GAAGAGG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG204824 representing BC048371
 Red=Cloning site Green=Tags(s)

MGTEKEEPDCQKQFQAAVSVIQNLPKNGSYRPSYEMLRFYSYKQATMGPCLVPRPGFWDPIGRYKWDA
 WNRLGKMSREEAMSAYISEMKLVAQKVIDTVPLGEVAEDMFGYFEPLYQVIPDMRPPETFLRRATGWKE
 PLVQREDQAAPEPSCVPKEPVPSPESRPPRDLDELVFCDSVEQLEPELVRLPVLSPVAAEPELCHLPPG
 IWDSSAQVWAEQKEAAGRELTRSSPESTGEKEGLGGGLIGPQELDTWLVGTVRAMQESMKDVRRLQS
 LESKPQLKQRSRTRPWPLGLSVPTLLFFILWPFVVQWLFRRQFRTQKR

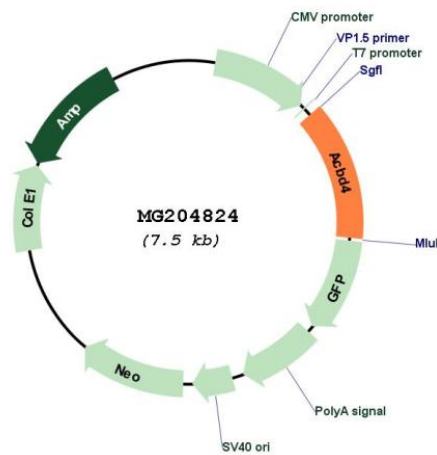
TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: BC048371

ORF Size: 989 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:	BC048371 , AAH48371
RefSeq Size:	2016 bp
RefSeq ORF:	989 bp
Locus ID:	67131
Cytogenetics:	11 E1