OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for MC229365

Radil (NM_001289588) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Radil (NM_001289588) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Radil
Synonyms:	AI536456; D930005D10Rik
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC229365 representing NM_001289588 Red=Cloning site Blue=ORF Orange=Stop codon TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC GCCGCGATCGCC ATGTTTTATGGGACTCAGTTGATCATGTCTCCTCCCACCAAGAATAAGCTGAAGCGACAGAGCCAGCTCC TATCCACAATGCTGTCCCGGACACTGAGCTACAAGTATCGTGACCTGGATTCCACCTTCTGCAGCCTAGG TGCCAGTGACGACCCCTCAGAGCTCTCCACGCAGCTCTCGGCCCCCGGGGTCCTCAAGGTGTTTGGGGAC AGTGTCTGTACAGGCACCCACTATAAGAGTGTCTTGGCCACTGGCTCCTCCAGTGCCCAGGAGCTGGTGA AAGAGGCACTGGAGCGCTATGCCCTGGACCCTGAGTGTGCTGGCCAGTACGTGCTATGTGATGTTGTGGG CCAAGCTGGGGACTCTGGGCAGCGGTGGCAGGCCCAGTGCTTCCGAGTATTTGGCGACAATGAGAAGCCC CTCTTGATCCAGGAGTTATGGAAACCCCGAGAAGGCTTGTCCCGGAGGTTTGAGCTAAGGAAGAAGTCAG ATGTGGAAGAGCTTGCATCGAGGGATGTGGATACCACCACCGCAGGGATAAACGCCCAAGCCCGGAGGCT ACAGCGTATCCGTGCCAAGGGAACCCCAGCCCTCACCTCTGAAGCTGCTCAAAGCTCCCCACCGACCAGG CTGCGCCGTACAGTCAGCGAGACCAGCCTAAGCCCAGCACCATCGCTACCTGAGGCTGCTCAGAGGCCTG AGGAGCCCGTCCCTGAGGCCATGCGTTACTCGCTGTACCAGTGCCCGCACCTGCTGCTGTTGCAGGGCTA CAGCCAGCAGCACGACAGCCTGGTGTACGTGCTCAGCAAGGAACGGCACACAGTGGGCCAGCGCACACCG TCTAGCAAACCCAGCATCAGCTTGTCTGCCCCAGACATCCTGCCCCTGCACTGTACCATTCGCCGCCATC AGTCCCCAGAGGGTGGCCCGGCAGGGACCAGGCTAGTGCTGGAGCCCATCACAGGGGCTTCGGTGTCAGT CAACTTCTCAGAAGTGGGAAGGAACCCTGTGGTGCTACAACATGGCGACCTGCTCTCCCTGGGTCTCTAT TACCTGCTGCTGTTCAAGGACCCTGGGCAGGCACAGCCACTGCCTGCTTGTGCCCTCGCCCGTCTTGGGG CGGCACCACAGAGCTGTAGAATGTGTGGTGCGGTGCTCAGAGCCCGTGGGGCCCCTTCCTTGCCTGCTGC TGTGGTCCGGCGGCGGTCACTGCTCCTGGAGTTTGAGCCCGATGTGGAGGACACACTGCTGCAGAGGATC ATGACACTGATTGAGCCTGGGGGTGACGACCACAAGCTGACACCTGCCTTCCTCCTCTGCCTCTGCATCC AGCACTCCGCCATGCACTTCCAGCCGGGTACCTTCAGGCATCTCCTGCTCAAGATCTCCAAAAGGGTCCG AGACACTGTCTGGGAGAAGACCAAAGAACTAGCGGAAAAGCAGGCACAACTCCAGGAGCCCATCTCCTGG GCCAGCTTCCCCATGGCCGACCTGGTTCCCGACCTGCAGCACATCCTGTTTTGGATGTCAAACTCCATCG

View online »

AGCTCCTGTACTTCATCCAGCAGAAGTCCCCGCTGTACGTGCAGAGCATGGAGGAGGAGCTGGACGTCAC
AGGCTCCAAGGAGTCGCTGTTCTCCTGCACACTGACGGCCAGCGAGGAGGCCATGGCTGCCCTGGAGGAG
GTGGTGCTCTATGCTTTCCAGCAGTGCGTGTATTACCTCTCCAAGTGCTTGTATGTCTGCCTCCCGGCCC
TCTTGGAATGCCCCCCATTTCAGACAGAGCGCAGGGAGAGCTGGCGCTCAGGTCCAGCTCTGCCCGAGGA
GCTTCGGCGAGTGGTGTCAGTGTTCCAGGCCACCTTGGACCTCCTGCAGCAGCTGCAGATGCATCCTGAG
GTGGCCTCCCAGATGCTGGCTTATCTCTTCTTCTTCTCTGGCACACTGCTCCTCAACCAGGTCCTAGACA
AGGGGCCCTCTCTGAGTTGCTTCCATTGGCCCAGGGGTGTGCAGGTGTGTGCCCGCCTGCAGCAGTTCCT
GGAGTGGGCCCGGAGTGCTGGCCTTGGAGCACCTGCTGAGCGCTTCTTCCGGAAGCTTTCCTGCACCCTG
CATCTGCTGGCCACTCCCAGGGCTCAGCTCATCCAGATGAGCTGGGCCACCCTGAGGGTCACATTCCCTG
CCCTGAACCCTGCTCAGCTGCACCGGCTTCTGACTCAGTACCAGCTGGCCTCTGCCATGGGCCCTGTGAG
CGCTTGGGAGCCAGGAGCCCCAGACGGCCCGGAGGCCTTCCAGTCAGAGGACATCCTGGAGTCCTATGAA
AACCCGCCGCCCATTGTTCTGCCGAGCCAGGGCTTCCAGGTAGACCTGGAAGCCGACTGCGTGGAGGACA
GCATCTACCAGCACCTGCTCTACATCCGCCACTTCCTGTGGGGGCTGCGGGGCCAAGCCAGCCCTGACAG
TGGGCCTGCCCAGCCCGAGAGCATCGAGGGAGCCATCATGGATACCTGGGCCATCCCCTCCTCTGGGCCT
CAACGTCTGTCCACCTTCTCTTCCCAGGGCCTGTACCACACAATTCCTGAGGGCCATCTGGAAGGCCATG
GCTGCCCCCTGGCCAATAGGGACCCAGGCAGAGTTGCTGTTGAAACTGCCCCTCCCCATTCTCTTCCTGT
CACGGGAGCTCCCCGGGCTCAGGGTCCCCCTGGAAGACAGCCTACCCGAGGGGACCGCAGGGGCTCCCAG
GCTGGCTCTCTGCACACTGACTCCTCCTGCATGCTCACTCCGCCCAGCACGCCACTGGGCCTGGAGCCTG
CAGGCCCCAGCTGGCCAGAGCCCAGCGGCCTCTGTGGAAGAGCAGTCCTTGACGGGCAGAGGAATGGGCC
AGGTGGTCTGCCTGGTGCAGTCCTAGAAGGAGATGCGATTCAGGATGCTGAGCCTCCTGCTGAGGCCTCC
AGCCCCAGCTCCAGCGCTGAGGACTTCTGCTACGTGTTCATGGTGGAGCTGGAGCGAGGCCCCTCGGGGC
TGGGAATGGGCCTGATTGATGGGATGCACACACCTCTGGGGGCCCAGGGACTCTACATACAGACCCTGCT
TCCCGGGAGCCCCGCGGCATCTGATGGGCGGCTGTCACTCGGAGACCAAATCCTGGAGGTGAATGGCAGC
AGCCTGAGGGGTGTCAGCTACATGAGGGCAGTGGATTTGATCCGACATGGAGGCAAGAAGATGCGATTTT
TAGTTGCCAAGTCTGACATGGAAACGGCCAAGAAAATCCGCTTCCGCAATCCCCCTTCCTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001289588

Insert Size: 3282 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

OTI Annotation: Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.

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_001289588.1, NP_001276517.1
RefSeq Size:	3796 bp
RefSeq ORF:	3282 bp
Locus ID:	231858
Cytogenetics:	5 G2
Gene Summary:	Downstream effector of Rap required for cell adhesion and migration of neural crest precursors during development.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longest transcript and encodes isoform 1.