

## Product datasheet for MC203521

### Radil (NM\_178702) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Radil (NM_178702) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Radil
Synonyms:	A1536456; D930005D10Rik
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC056483

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CGGGCGCCAGCTCGGCTAACGGCGGGCGTGGGAGCCGCGCGGGGGACGCAGCTGACAGGCTGCGCTGA
GGCTCCAGCCTTCCCCAGCCACTGGTTGAAATCCTCAGTGGTTATTCATGAAGACGCACCCACCATGTT
TTATGGGACTCAGTTGATCATGTCTCCTCCACCAAGAATAAGCTGAAGCGACAGAGCCAGCTCCTATCC
ACAATGCTGTCCCGGACACTGAGCTACAAGTATCGTGACCTGGATTCCACCTTCTGCAGCCTAGGTGCCA
GTGACGACCCCTCAGAGCTCTCCACGCAGCTCTCGGCCCCGGGGTCTCAAGGTGTTGGGGACAGTGT
CTGTACAGGCACCCACTATAAGAGTGTCTTGCCACTGGCTCCTCCAGTCCCAGGAGCTGGTGAAGAG
GCACTGGAGCGTATGCCCTGGACCCTGAGTGTGCTGGCCAGTACGTGCTATGTGATGTTGTGGGCAAG
CTGGGGACTCTGGGCAGCGGTGGCAGGCCAGTCTCCGAGTATTTGGCGACAATGAGAAGCCCTCTT
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CCGTACAGTCAGCGAGACCAGCCTAAGCCAGCACCATCGCTACCTGAGGCTGCTCAGAGCCTGAGGAG
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CCACAGAGCTGTAGAATGTGGTGGTGTGCTCAGAGCCGTTGGGGCCCTTCTTGGCTGCTGCTGTGG
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GCTCTATGCTTTCCAGCAGTGCCTGTATTACCTCTCCAAGTGCTTGTATGTCTGCCTCCCGGCCCTTTG
GAATGCCCCCATTTCAGACAGAGCGCAGGGAGAGCTGGCGCTCAGGTCCAGCTCTGCCCGAGGAGCTTC
GGCGAGTGGTGTCAAGTGTCCAGGCCACCTTGGACCTCTGCAGCAGCTGCAGATGCATCCTGAGGTGGC
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TGAGGGGTGTGAGTACATGAGGGCAGTGGATTGATCCGACATGGAGGCAAGAAGATGCGATTTTTAGT
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CCCTTGTCCCCACCACCTGTTTCTGTATCCTCTCCAGGTGCCACCAACAGCCACCACGGCACTCACCT
GCCCTCACACCCAGTCCAGCCAATCCTGGTTTTTAAAGTTGACTGAGTGAATCCCTATGTTTGGCCT
CACGTTGAGGACACCTTTGACAGTGTGCATCTTAGTGTATATTTATATGACAGATGACACTAAGTT
GTGACATTTCTACAGAGCTTTTATGTTTAAAGACTTTAATGGAGAGTTTAGATTCAATAAACTATCTTT
TGTATTCTTAAAAAAAAAAAAAAAAAAAAA
```

**Restriction Sites:**

Ascl-NotI

**ACCN:**

NM\_178702

**Insert Size:**

3213 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).

**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:**
[BC056483](#), [AAH56483](#)
**RefSeq Size:**

3671 bp

RefSeq ORF: 3213 bp

Locus ID: 231858

UniProt ID: [Q69Z89](#)

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 (2) uses an alternate in-frame splice site in the 3' coding region compared to variant 1. The encoded isoform (2) is shorter than isoform 1.