

Product datasheet for **SC122342**

RADIL (BC004919) Human Untagged Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | RADIL (BC004919) Human Untagged Clone |
| Tag: | Tag Free |
| Symbol: | RADIL |
| Synonyms: | FLJ10324; FLJ60975; KIAA1849; MGC161589; Rap GTPase interactor; Ras association and DIL domains |
| Mammalian Cell Selection: | None |
| Vector: | <u>pCMV6-XL5</u> |
| E. coli Selection: | Ampicillin (100 ug/mL) |



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Fully Sequenced ORF: >OriGene sequence for BC004919 edited
 GGCACGAGGCAGAGACCAGTGGGGCAGAGACAGGCCAGTGCAGAGCGGCTCAGTGGGGC
 TGGAGGGTTCTGGCTACAAGGCCTTGTCTCAGTCTGAACTGCTCGGATGTCACACCG
 GGTGGTCGGCGGGAATTCAGAAGGGATGAGTCCTAGGGTGGGGCCAGTCACTGTGGCCAG
 GATCCCAGCCTCTGTGTCCACAGGGCAGGGGACTCAGGGCTCAATCTGCTGGCCCTGG
 GTTCCCACACCGTTGGCGGGGGCGGCTGGCGAGGGAGGCAGCTTCTCCTGTGGCCATTA
 CGGGCATCCTCTCTCCCCTGCAGAGGATGTTCTGGAGTCTACGAAAACCCCCACCCAT
 CGTCTGCCAGCGACGGCTTCCAGGTGACTTGAAGCCAAGTGCCTGGACGACAGCAT
 CTACCAGCACCTGCTCTACGTCCGCCACTTCTGTGGGGTCTGCGGAGCAGAGCCAGCCC
 CGGCAGCCCTGGCAGGCCTGGCAGTGGGGCCTCCAGCCAGTGTGCCCGAGGGTATGCA
 CCACGTGGTCTTGACGGGCACCTGGAGGCCCGAGCTGCCCCCTGGCTCCAGGGACCC
 TGGCCCAGCAGCCGGGAAGTGGCCCCGAGCGTACTCTTCCCTTGAGGGGGGCTCCCTG
 GGCACAGGCCCCCTGGAAGGCAACCCGGCCGTGGGGGCTCCAGGCTGGCCCCCGCA
 CACGGACTCGTCTGCTGCTCACGCCTCCAGCACTCCACTTGGCCCTGAGCCTGGGGA
 CCCCAGTGGCCAGAGTCCGGCGGCCCTGTGAAAAGCGCTCCAGAGAGGCAGAGGAA
 TGGACCCAGCGGCTCCGGGGTGCAGCTCCGGAAGGAGACTCTGCAGCCCTTGCGGAGGA
 GTCCCCTCCAGCCCCGTCCAGCCGAGCTCCAGCACCGAGGACTTCTGCTACGTCTTAC
 GGTGGAGCTGGAACGAGGCCCTCCGGGCTGGGGATGGGCCTGATCGACGGGATGCACAC
 GCACCTGGGGCGCCCCGGGCTCTACATCCAGACCCTGCTCCCGGGCAGCCCCGCAGCGGC
 CGACGGGCGCCTGTGCTGGGGACCGTATCCTGGAGGTGAATGGCAGCAGCCTCCTGGG
 CCTTGGCTACCTGAGAGCTGTGGACCTGATCCGTATGGCGGGAAGAAGTGCGGTTCCT
 GGTCCGGAAGTCCGACGTGGAACAGCCAAGAAGATCCATTTCCGACGCCCCCTCTCTA
 GGGGGGCTGCAGAGCACCCCCACAGGCCGGCACCCGGTCCCACCTGGTGACACTGGGC
 TTCTCCCGCCTTCGTCCCTGTTTTGTAAGTACCAAGTTGGGTCCCGGTGGGGAGCCT
 CACCCTGGGGACATGCCTGTTGATAACATGCATCTCAGTGTAGGTTCTATTTATATGGCA
 GATGACGTGAAATTGTGATGTTTGTACAGAGCTTTTATGTTAAAGGCTTCAATGGAGA
 AGTACGGTTCAATAAACTATTTTTCCCGTCTTAAAAAAAAAAAAAAAAAAAAA

5' Read Nucleotide Sequence: >OriGene 5' read for BC004919 unedited
 NCCCCGTTTAGGATTTTGTAAATACGACTTACTATAGGCGGCCCGGAATTCGCACGAGGC
 AGAGACCAGTGGGGCAGAGACAGGCCAGTGCAGAGCGGCTCAGTGGGGCTGGAGGGTTC
 CTGGCTACAAGGCCTTGTCTCAGTCTGAACTGCTCGGATGTCACACCGGGTGGTCGGC
 GGAATTCAGAAGGGATGAGTCCTAGGGTGGGGCCAGTCACTGTGGCCAGGATCCCAGCC
 TCCTGTGTCCACAGGGCAGGGGACTCAGGGCTCAATCTGCTGGCCCTGGGTTCCACAC
 CGTTGGCGGGGGCGGCTGGCGAGGGAGGCAGCTTCTCCTGTGGCCATTACGGGCATCCT
 CTCTCCCCTGCAGAGGATGTTCTGGAGTCTACGAAAACCCCCACCCATCGTCCTGCC
 AGCGACGGCTTCCAGGTGACTTGAAGCCAAGTGCCTGGACGACAGCATCTACCAGCAC
 CTGCTCTACGTCCGCCACTTCTGTGGGGTCTGCGGAGCAGAGCCAGCCCCGGCAGCCCT
 GGCAGGCCTGGCAGTGGGGCCTCCAGCCAGTGTGCCCGAGGGTATGCACCACGTGGTC
 CTTGACGGGCACCTGGAGGCCCGAGCTGCCCCCTGGCTCCAGGGACCTGGCCCAGCA
 GCCCGGAAGTGGCCCCGAGCGTACTCTTCCCTTGAGGGGGGCTCCCTGGGCACAGGCC
 CCCCTGGAAGGCAACCCGGCCGTGGGGGCTCCAGGCTGGCCCCCGCACACGGACTCG
 TCCTGCTTGTACGCCTCCAGCACTCCACTTGGCCCTGAGCCTGGGGACCCCGACTGG
 CCAGAGTCCNGCGGCCCTGTGAAAAGCGCTCCAGAGAGGCAGAAGAATGGACCCAG
 C

Restriction Sites: Please inquire
ACCN: BC004919
Insert Size: 1553 bp

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| 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: | <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: | BC004919.1 , AAH04919.1 |
| RefSeq Size: | 1553 bp |
| Locus ID: | 55698 |
| Cytogenetics: | 7p22.1 |
| Gene Summary: | Downstream effector of Rap required for cell adhesion and migration of neural crest precursors during development.[UniProtKB/Swiss-Prot Function] |