

Product datasheet for **MC217587**

Rai2 (NM_198409) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rai2 (NM_198409) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Rai2
Synonyms:	3f8
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC217587 representing NM_198409
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGATGACCTGCAGTCCAGAATCTTTCCATGGACATGACTGACTCCCCTCCCCTTTGGCTAATAACA
 GACTGGAGAACC GCATGGCCAGCTGATAACTACCGAGGCTGGAACATCAACTCCACTGACCTGGTAAA
 GAAGGCCCTGGTACCGTTCCGGCCCCATCAATTCTGAACCCCCAGCTGAGTCCAGAGTGGCATGGCT
 CTGAAGGTAGCAGCCACCGTGTGCAGCCCTGTGCCTTGGGAAAGCCAGTGGTATGCCATTACACA
 TGCAGGTGGAGGAAGCTCTGCGCCAGAGCTCAACCCCAATGGCAACGCTACCTACGTTATGACGACACA
 AGGCCCGTGCAGCTACCAGTGGTGTGGAACAGCATGTTTTCCAGCACCTCACTCCCCTCTAGTCCTG
 CCACAGGAGGCCCGTCTCTCAATGCTATCCACAACAACCTTTCCAGGGGGCTGAGGACTCTGAGG
 CCCAGCCTCAGCTCCTGGACCTGAGGATCCCAAGTCAGCCACAGGAGCCCGCATTGCCTTTGAAGTGT
 GCTCCAGAATTTATCCCAACCAAGGCTCTCTGGGCCCTCCACCCTGCCAGCCTCCTCCTGGCTATGCT
 CCAGTGCCTCCCAGCCCTTAACTCCCCTTGTCCCCCTAGTCCCGCCAGCTACCCTCTTGGTGCCT
 ATCCTGTGATTGTCCCCTTGCCAGTTCAGTGCCTATCCCCTATCCCTGTCCCAGTGCCTCAGAGTACTGA
 ATCCAAGTTCAGCCCCTTTCCCAAGCCGCATCTTCTTCGGCTTGCCTCTTTAAAGGCACCCAG
 ACCACTCTGAAAAGGACGAAGTGAAGCCCTTAGACATCTCCAGTCAAAGGAGTATTTCCAGCTCAGCC
 GCCACACAGTCATCAAGATGGGGAGTGAGAATGAGGCCCTGGATCTGTCCATGAAGTCAGTGCCTGGCT
 CAAGGCTGGGGAAGCTAGCCCCCAGTCTTTCAAGAGGATGCAGCCCTAGATCTGTCTTTGGCAGCCAC
 CGAAAAGCTGAGGCTCCTCCAGAGACATTGTATAACAACAGTGGGTCAGCAGACATCCAGGTCACACCA
 TACTGGAGAACTTTCCAGTGGCATGGAATGCCCTTTGCCCTGCCAAGTGTCTGAAGCCTCAGCCAT
 GATGGAGAGCCACAGCAGCAACAGCAACGCACTGAGATGGTCAGTCAGCCAGCCATCCTGGCAGTGAG
 CTGAAGGCTGAAAATAACATTGAGATCTTAAGTGAAGTCTCAGGCGCCAAAGGTCATTGTGTGAGTTGAAG
 ACGCCGTGCCTGCTCTGTGGCAAGATTAAGGCCTCTCAGGGGTATCCACCAAAAACCTTCTCCTT
 CAAAAGAGAAGACTCTGTGCTTCAGGGTTATGATATCAACAGCCAAGGAGAAGAGTCCCTGGGAAACGCC
 GAGCCCTTAGGAAACCCATCAAAAACCGGAGCATAAAGTTAAAGAAAGTGAAGTCCCAGGAAATACACA
 TGCTTCCAATTA AAAACAACGGCTGGCCACCTTTTCCCAAGAAAGTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_198409

Insert Size: 1590 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: [NM_198409.3](#), [NP_940801.2](#)

RefSeq Size: 2276 bp

RefSeq ORF: 1590 bp

Locus ID: 24004

UniProt ID: [Q9QVY8](#)

Cytogenetics: X F4