

Product datasheet for MC224152

Rasal2 (NM_177644) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	Rasal2
Synonyms:	653040IP13; A330066M24Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC224152 representing NM_177644 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGAGCTGTCTCCGTCGTCCTCCGAGGAGCCGCGGAGGCGCTGTCGTTGGCCGGAGATGTTACGGGGCTGG
AGTCCGACTCGCCGCTGCCCGGAGGATCTGGACGCGGTGTCCTCCAGTCAGCGGAGCAGTGGCCGGTGG
CATGCTGGATCGGATCCTTCTGGAGTCAGTGTGCCAGCAGCAGAGCTGGGTCCGGGTGTTTCGATGTAAAA
GGCCCAACCAACCCACCGTCTGTCTTGTGGTCAGTCACCCTATACTGAGACGACATCATGGGAGAGGAAGT
ACTGCATCCTCACAGACAGCCAGTTGGTGTGCTCAACAAGGAGAAGGAGATGCCTGTGGAAGGACAGGA
TCAACAGACAGATTCCACCAAAGGGCGCTGTCTGAGGAGAACTGTCACTGTTCCCTTCAGAGGGTCAGTTT
CCGGAGTACCCACAGGAGGGCACCCTAACTAGAGGTGCCAGCAGAAAGTCCCGCCGAGACGGAGCA
TCTCAGGGACCAGCACATCAGAGAAACCACTCCATGGACACTGCGAATACCTCTCCTTTAAAGTACC
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AGTCTCAGTGAAGCCACTGCACAGTGCATCCTCGGACAGGACTTCTGCTTCGAGGTCACTACTTAAGT
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GCCAGTAAATAGTGTAGGAATAAAGAGGAGTTGGCTTGTGCCTTAGTACACATTCTTCAAAGTACTGGC
AGAGCCAAGGATTTTCTGACTGACTTGGTGTGATGTCAGAGGTAGATCGTTGTGGAGAACATGATGCTTGA



TCTTCAGAGAAAACACCATTGCCACTAAATCCATTGAGGAATACCTCAAGTTGGTGGGACAACAGTACCT
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 CCAGCCATTATGTCTCCAGTCTTTCAACCTGATGCAGGAATATCCTGATGACCGCACATCTCGGACAC
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 CTGCTCAGGCGGAGCATGCATCTGTATGCTTGTGCTATGCCTATGCCTTGCAGGAAGCCAGCTTTCTAT
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 AGACCCCTGCACCCAGCCTTGAACAGCCAGGAAGTCTCCAGCCCTTGTCAATCCAGAACTCTGTCTATC
 ACCTCAACAACCCAGTTCAGCAATGCCAAGGCCTCTGCGGATTCCAGTTTGGAGAACCTAAGCACTGC
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 TTCACCAAAAAGACTCCACAGTGAAGACTTCTCCAGGCGCCACACTGTACCAGACAGACACATACCTC
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 TCTGCAGCCCTAATGGCTGAACCTGTGCAGAACGGGAGCCGCTCCAGGCAGCAGTCCCTTCTCCAGAG
 AGAGCCCTGTTCCCAAAGTGAGAGCAATCCAGAGACAACAGACACAACAGGTTCAAGTCACTGTGGACTC
 CGCTACAATGTCCCCAGTAGAAAGGACAGCAGCCTGGGTTCTGAACAATGGACAGTATGAAGAGGATGTG
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 AGGAGCGCCTACGAGTGTCCAGCCGCGGTTGGAGGAGTATGAGCGCCGCTGCTGTTGCAGGAGCAGCA
 GATGCAGAAGCTGTGCTGGAGTACAAGGCCGCTGGAGGATAGTGAGGAGCGGCTGCGCAGACAGCAG
 GAGGAGAAGGACAGCCAGATGAAAAGCATCATCAGCAGGCTAATGGCTGTGGAAGAAGAATTAAGAAAG
 ATCATGCTGAGATGCAAGCAGTTATTGATGCAAAGCAGAAAATAATTGATGCACAGGAAAAGCGGATCGT
 GTCCCTGGATTAGCCAAACACGAGACTGATGAGTGCCTGACACAAGTGAAGGAGCGGTACAGCATGCAG
 GTCCGCAATGGCATCTCTCCCAACCCCAACAGCTTTCATCACGGAGAATGGTGAATTCAAAAATA
 GCAGCTGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_177644

Insert Size:

3861 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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_177644.5](#), [NP_808312.3](#)

RefSeq Size: 10046 bp

RefSeq ORF: 3861 bp

Locus ID: 226525

Cytogenetics: 1 G3-H1