

Product datasheet for **MC220447**

Raph1 (NM_001045513) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Raph1 (NM_001045513) Mouse Untagged Clone
Tag: Tag Free
Symbol: Raph1
Synonyms: 9430025M21Rik; C730009O10Rik; Lpd
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC220447 representing NM_001045513
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGAGCAACTATCCGATGAAGAGATTGACCATGGTGCTGAAGAAGACAGCGACAAGGAAGATCAGGACC
 TGGATAAAATGTTGGGGCCTGGCTTGGAGAAGTGGACAGGCTTACTCAGAGTTTGGATTCTGACAAGCC
 CAAAGAACCAGTAAAAAGATCTCCTCTTCGCCAGGAAACAAATATGGCCAACTTTTCTTACCCTTCTCC
 ATATACAACCTTGAATGAAGCTCTGAATCAGGGTGAGACTGTGGACCTGGATGCCCTGATGGCTGACCTCT
 GCTCTATAGAGCAGGAGCTCAGCAGCATTGGCTCAGGAAATAGTAAGCGTCAAGTACAGAACCAAAAGT
 TCCTCAGAAGCTACCTGCTGGCCGACATACGTCAAACATGGCACCTGAGAGGACCGTCATCTTCTCT
 AATAGAACAACCTAAACCTTCCCATGCTAACTACTCCCTGGATGACATCACTGCTCAGTTAGAACAGGCTT
 CCTTGAGCATGGATGAGGCTGCTCAGCAATCTCTGGTAGAAGATCCTAAGCCTTTAGTGACAAATCAGCA
 CAGAAGGACTGCATCAGCAGGCACTGTGAGTGATGCTGAAGCGCGCTCCATCAGTAACTCCTCCCGGTCA
 AGCATCACCTCTGCAGCCTCCAGCATGGATTCTCTGGATATTGATAAAGTGACACGCCCTCAAGAGCTTG
 ATTTGACCACACACCAGGGGACGCAATTAAGGAGGCTCAAGTGAAGAAAGCTGGTAATCAGGGTCCACATGTCTGAT
 CCGAGTTGCTCTGGAGAAAATTAAGAGGCTCAAGTGAAGAAAGCTGGTAATCAGGGTCCACATGTCTGAT
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 CAGCTGAAATGGCAGACAGAAAACAAGAAGTGTGTTAGAGGAATGTTTTGTGGAAGTTCTGTAAGTGT
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 TTGCGAGCATCTGGTATCTACTATGTCCCAAAGGAAAAGCAAAGGTATCTCGGGATCTAGTGTGCTTTC
 TCAGCTGGATCATGTAATGTATACTATGGACAGGACTATCGGAACAAATACAAAGCACCCACAGACTG
 CTGCCTGGCATTAAAGCACCCACAGATCCAGAAGAAGTCTCAGTATATCAAGTACCTTTGCTGTGATGAT
 GCAAGGACCTGCATCAGTGGTCAATGGAATCCGCATTGCCAAGTATGGGAAGCAGCTCTACACGAAT



ACCAAGAAGCCTTGAAGAGGACAGAGTCCGCTTATGATTGGACTTCGTTATCCAGCTCCAGCATTAAATC
 CCGATCCAGTTCTTCCAGTATCCCGGAGTCTCAGTCAAACCACTAATCAGTCTGACAGCGGAGTGTCT
 GACACCTGCCAACTGGACATATCCGTTCCCAAAGTACCGTGAGCTCCATCTTCTCGGAAGCCTGGAAGC
 GAGGCACTCAGCTGGAAGAGTCCAGCAAGGCCAGAATGGAGTCTATGAATCGGTCTACACTTCATTAT
 GCCCCTCTGTCCCCTCAAATAAGATCATACCCCTATACTGCCTCACAACCTCACCAGCCTCTCTCT
 CCTCTCCGCCACCACCTCCTCTCTCCACCTCCGCCACCACCACCTCCTCTCTCTCCAGCCAGT
 CTGCACCATCTCAGGCTCAGCAGTACCATGTTTGTCAAGTACAGCACAATCACCAGGCTGCAAAATGC
 AGCTCAGCATTACAGGACCCTGTTTAAAGTCTCCAACACCACCAGCGATGCAGCCTTCTCTTTGGCTTCA
 CAGTCCAAGGCTCAAATTGTGGTGCCCCCAATGGAGTTATTCTCCACCCCTCCTCCGCCACCACCCC
 CAACCCCTGGCTCAGCCATGGCCAGTTAAAGCCAGTGCCATGTGCCCATCCCTACCACAGTTCAGCCC
 CCAACCTCCTCCACTGAAGATTCACCAGTTTCCAGCCTTCTCAGACAGCCCCTCTACACCCCAACCA
 GTCCTCCATCACTGCAACTGTCCCTCTCAAGCACCCTAAACCTCTGGTGACCATCCCTCTTCAG
 CCAGCACAAGACTGTGTACCAGTAGTACACAAGCTGTACCACCAACCCCTGCACCTCTGTGCCCCC
 TGCAAAGAAACAGCCAGTTTTCCCTGTTTCTCACATTCCACCCACTCCCCTGTGCAGCCTACCCACAT
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 CCTCCGTTGTGAAGCAGATAGCCAGTCAAGTTCCACCCCTCCCCTCCTCTCTGTGGACTCTCAGCC
 CCTAAAGTCCCTGCCAGCAAGTGGCACCACAGTCCCCTCCTGCAGTAAAGCAAAACCCAAATGGCAG
 CCCAGTCAATCCCTGTCCCTTCTCAGATTTCCCTCCTCCCCTCCTGAAAGCAGCCTGGTGTTCCTC
 CACCACCTCCTCCAGCCCAGCCCCAGCCCCACCACCACCACCACCACCCTCCACCACCGCCACCAGT
 GCCACCACGGCTTACCTACCCCTGACAAAGGTGGATCTCCAGGCAAAAAGACAAGTAAGATGTCCAGC
 CCTGGGGGAAAGAAACACCCCAACCCCGCAGCGCAACTCCAGCATTAGTCCGGCAGTTGTGCAGAGC
 ACCCTGAGCCAAAGCGACCCTCGGTAGACAGTCTAGTCAAGTAAAGTGCACCGCCAGCAGAATCAGGGTC
 TCCCAGCAAAGAGACCCACCACCTCCTGCAGCACCCCAACCTGGGAAACTACACCTTCTGGAGTC
 AATCTCCCTGGAATCCACCAGCAAGGGATTGTGTGCGCAAAAGCCTCTGTTCTGAGTGGGCGTGGAAAGG
 ACGTTGTAGTGAATTTCCATCGCCACCATCTGATTCTGACTTTCCACCCCTCCACTGAAATAGAGCT
 TCCTCTGCCCCCTATTGAGATTCAGCTGTATTCTCGGGAAACCTCCCCAAAGTGGCAGTTGTTAAT
 CCTCAGCCACAGCTATGGTCTAAAACATCAGTGAAGAAGGCCCCCACTACCCGGCCAAACGCAATG
 ACAGCACCCGCTCACTCAAGCTGACATATCTGAACAGCCAGCAATGACCACAGTTGTGCCACAAGTGC
 CACCTCTCTAAATCCAGCCTTAGCGTCAACCTGGATTCTAGCTGATCTTAACAGGACATTGCAGCGC
 AAGTCTATCACGCGCATGGCTCCCTGTCTCCTCACGTATGTCCAGAGCAGAACCACCGCCACAATGG
 ACGACATGGCACTACCCCAACCACCACCAAGTCTGTCTGACCAGCAGAAGGCTGGCTTTGGAGGTAG
 TCATATTTGCGGCTATGCAACATTGCGAAGAGGACCCCTCCCGCTCCTCCTAAGAGAGACCAGAATACT
 AAGCTCTCAAGAGACTGGTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_001045513
- Insert Size:** 3801 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_001045513.3, NP_001038978.3

RefSeq Size: 9117 bp

RefSeq ORF: 3801 bp

Locus ID: 77300

Cytogenetics: 1 C2