

Product datasheet for MC229647

Mroh2a (NM_001281466) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Mroh2a (NM_001281466) Mouse Untagged Clone
Tag: Tag Free
Symbol: Mroh2a
Synonyms: ENSMUSG00000044873; Heatr7b1; OTTMUSG00000020804
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC229647 representing NM_001281466
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**C

ATGAAAGAAGCCACTGAGTTGAATGAAGACATGTTGGAGGAAGCAGAGCATCTGGCACTTCTAGAGCCAG
 AGGATGATGGTACATTCTCCAAGTCACCAACCTCCTGAACATCATGGACAGTGAATCAGCAAAGACAGA
 CACCACAGGGCCAGGCCCTGGACATGCGGAAGACCTTGGCTTCAGTGATAATCACAGAGAAGGCTACCAGC
 GATCCCTGTGTAGTGATGAACGCCTCATCCGCTGCCTGCAGATGCCAGAGATTTCTACCAACGCAAAA
 TGAACATCTACAACATCATGCAGGAGATCATCCAGCAGGAAGGGGAGATGGAGGAGCACTGTATACAAAAG
 GCTGGTGGCCATTGCCTCCAAGCAGATGCGGGATATCACAGAGGCGGAGGATTTTGGAGCCCGGAGGTG
 GCCAGTGAGACTTAGTGGCTCTGTCCCGAAACCACTTCAGCTTGGTCATGTATGAACTGCAGCATCATC
 TCAAGCCTCTCAACCTCACTGACGAGTTTGTATTGTACCCTGGCCAAGCTGGCCAATGGCAATGTGTT
 TGAATTCATGCCCTACATGGGCATCACCTGGCTACCATATTCACGATGTTGAGACTTGCCAACGAAGCC
 AAGATGCGCCAGGTGATCTGTAGTGCCATGGAGACGTTCTGTGAGACGGTGCAGTTTTACCTGAGGCACC
 TGGAGGACAGCCTGTATCCCGTGATGACGGAGGACCAGTTTGTGTGAAGCTCTTCCCAATGTACCGATA
 CTTGCTGACCGTGTGGCTGCGCCACCAGGACCTTGAGGTGAAACTGGGAGTCATCAAGTCTCTCAGGCC
 ATGCTGAGCCTTCTCCTGCCTAATGACGACCTGAGGGAACAGGTGTATGACTATATCCCCCTGCTGCTGG
 CTGAGTTCCAGGGTGGCCTGGAGGCTCTTTCGTACACAGGTCTTGAGGCAGATTCTAGAAGCATCGGT
 TACCACCAACACCCCTATCCCCCGATGCTGCTACACCCATTTTACAGAGTTGCACGTCCAGGTGTGC
 TCCAAGGCCCCAGCCAGCAGCAGTTCCAGCAGTCAGAACCTGATGGAGATCGTGCCTGCTTCATAGCCC
 TGGCCCGCTCTACCCAAAGGAAGTGTGAAGTTCTTCTCAGCCAGGTGGAGATGAGCAAAGAGGCTGT
 CCGTGTGGGGACTGGCCCTGATCAGGGCAGTAGTGAGCGCAGATGACCCAAAATTAATATCAAGACC
 ATCTACCTGGCCATCCGCTCGTCAAGAACACTCTCTGACACTCGGTCCAAGGTACGGATGGCAATTC
 TGCGAATCATTGGCCAGCTGTTCTGTACAGGCTTCCAGGAAAAGATCAAAGGCTGGGGTCTGAAATATGT
 GTCTGTCCAGCTCACCTTATCTACCTACAAGCTGACAAATCGACGGGAATGCTTTTATCAGAGGGATTTG
 GAAGAGAAGATGGTTCACAAAGTAACCATGGATACTGTAAGATCATAACTTCTTCTATCAGCGGCATGA



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CCAATGAGTTCTGGGTGAGGCTCCTGTGCTACATCATGGAGACAGACTACACCGAGGCACTGACCCCAT
 CTGCATCAGCCTCACGAACCTGGCCGAGAACCAATTCATGGCAAAGACACGGAGGCTGGAATAGCTGGA
 AAGAGCAAGCATGTGGACTTGCCTGCACCCAGAAGCTGCTGGCCGCTCCTGGTGCTGATGTCATCAC
 CCTATAAAGGAGAAGGCCGGGGATTGCCATGCTCAACCTCCTGCGGACCTAAGCCAGAGCATTGCTCC
 TTCATGGCTGACATGTGGGAGCAGGAGATCCCTCTGCTAGTCCAGTACCTGGAAGAGCACACTGAGTTT
 ACCTGGAACCAGAAGACCTGGGAAGATATGCTGATTCAGTTTCTGAGAACTCCCTCAAGAAGACCCGTG
 GGACCAGCTGGAGCCTACGGCTCAGCAAAGAGCTGAACAACAGATCGAGACCTTCGACAGCCCTCCTT
 GGAAAAGGGTTTTCTGTACAGGGCCTGGGTTTTACCTTAGGCATGGGTCTGGAGGCCGACAGGGTGGA
 GTGCTATTATTGGAGCTGCTGTACAAGACAGACTACAGCAATGATTTTGACCGGGAGGGCGTCATCCTGT
 GCTTTGGACTGTGTGCCGGGGCCAGGTAAGACAGTGTGAATGTGCTTCAGGACTTTGAGGAGAGGAT
 CCAGGAGTCGGAACAGTCTGGCAGATCGGTGCCTGGAGGAAAGACCACCCTGGAGGCGAGAGACGGTG
 AAGAGTGCCTAATGGTGTGTACAGCTGTGTCTCTTACTGCCACCCCCAGATGCTCCTCACCACG
 TGGACAGCCCATCACCTCTAAGATCATCCACCCTACTCCAGCAGCTGCCAGGACATCAGCCTCAAAAT
 GGCCTTATGAAGAGTGTGTGCAGTCCCAACGCCATCAAAGCATCCAAGACCCAGAGGACTCCAG
 TTTGCCACAAAATCTGCTTACTGGCCTCATAGTTGTGATCATCAAAGCAGAACCCTGACCCTTGG
 TTTCTCCCGTGAGGTCGATGGCAATGGATGCTCCTCACAACTAAGCACGATGAAGCCTTTCTACTCTCC
 AGAGGAAAGCACAGAGTTGATGGATATCAGCATACACACCCTTATCTCCCTCCAACCCCAAGGGGAAGAC
 AATGAGTCTGTTAAGACCCTGTATGCAAAATACCATGAGTTCCTAAAGCAGCTGATGGAGGGCCTCCTGC
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 GTCTGTATCCCGCTGAAGCTGGGCAGTTTGGAGTACTGGTTGGACTCATCGTCCATGTACCTGTGATG
 CCCACAGAAGAACCCTGGCCTCGATTAACGTCTGTCAGTCTGCTAGATCTTATGTAAGCCAGAC
 GTGCTTTTATGGGAACTTCCAAGGAGCAGGAGCTGCAGAAATGTAAGGAGGACCTCCAGGACCCGAG
 ATGAACAAGATTTCCAGTCTTCCAGAGTCGCAAGGTGGTTTGGCCAGAGTTTAACTGCGACGAGG
 TTGCTCTCTCATCCAGAAGCTCTGTGAGAACATTGGGGCCATGGACCTGCAGCATGACAGGGCTGCTGT
 CACCTGGATAGGCATCTTCTCCAGATGCGGGTCAAGGAGCTGGAGGACAAGGTGGCTGAGATACTGGGT
 GCCATCTTGGTTCACCTGCCAGTGGTGGATCACCCAGAGGTGAGGCGACATCTCATTGAAGGCATCCTCC
 TGCTGGCACACTACCACCAGGAGACCGTCTCACATCACTTCTGAGACAGCCACTGCCATGAAAGCCA
 TCTGACAGAGGTGGCTGGCCGTGGTGTGAGAATGTCCCCTTCGCACGGACCATGCTCCATGGCTTGTG
 GGCCGGCTGCAGTCGAGGTTCACTGCCAAGATAAATGCCACCTCCAAGGTGACATCTGGCCCTGGCCG
 CTGTGGACCTCTGATGACGCTGTGTACCATCCAGCTCCTCATGGAAAAGATGGACCAGGATGACAAAT
 TCCAGACCTGTTTCTGACCTGTGTATACCTTCTGCTGCAGCTTGGCAGCAGCATGGGCCAGAAGCT
 GCCTCCCCTGTCTGAAAACCTGGAGACTGGTTCACACAGGGCCACTGCCCCAGGAGATGACCCTGCAGA
 GGATCACTATCAAATCCATGCAGCTTTTGGTCAAGAGGATCAACAGAGAGCCCTGGAGCAGGCCTTGGGA
 GGAGCAGTCTGTGTGGTCCCTGTGGAGAACGGAGGCACCTTCTTGGAGGAGTGAAGCCTGATGGCCAGG
 CTGTGCATGCAGAACATGGAGAATACATGCAGAGGCTGGCAGAGCTGGTGTCTCACGGCATGGGCTCCG
 AGATCCTGAGCTGCTGCATCAGCAGCACGGCCATCTGTGTAGAATTCATGAGCGACCCAGTTCTGCACCA
 GGAGAAGTCTGAGGCCGTGGTGTGATGCTGGAGAAGGTGCAGGGCAGGACAAAGATGAGACCTTG
 CAGGTGCTCTCTGCGTGCCTTGGGCAACATGGCTCTCGGTGCTCCCCGGAAGGTGAAGCAGTATCGAA
 AACTCCTGCTGGAGAAGTGCCTGGGCTCCCTGCAGGGGCGAGGTGAGCAGCAGTGCATGGCGGAAGGCAT
 GGAGGCCCTCACCAAGTCTGGCTGAGCTCCGAGAGGGCGATATAGGGTCTTCTTTTGAAGCCATCTCT
 AAGCAGTGCAGAGCTTTCTTCGACAACGAAAGCGAGCTGTACGGTTGAAGGCCTTTGTTCTCTTTGGGA
 AGCTTACAAAAGTGGTTGGGATTTCCAAGAAGCATTCTTCAAAGGGGAGGTGAAGAGAGGCTGGTCTC
 CCTCTGCTGCACTGCCAGGACCCTGCCCCAGCGTGGCCAGGCATGTGTGGCCACCATGTTTCAGTGT
 GTGCATTTCTGGGCTGGAAGTCCCTGGAGAGTTCCTTTGGTACAGTAACGACAGCATCAATGAACAGA
 TGACAGTTTTTTCAGACAAACATGTGCTCCGTCTGGCCAGAAAAAGCCTGCTGTTCTCTGTGGCTTCT
 GTTGGAAACAACAGTCTTTCATGAAAAACAATCTGTCAAGGATCAGAATTGCTGCCTGCAACTTGGCGGGA
 ATTATTATGAAGCAGCTGTCTGCCATTATCTGAAAAAGATGGACCTTGTGGGACTTCGCAATTCTCTCC
 AGGACCTGCAGCTAGACTCAGACGCTGGGGTCAAGAGGGCAGCCTTGGAGACCCTCAAAGTCTGGACAG
 CTGCAATCAGCACTGGCTCTTAGCGTCAACCAGAGGACTGCCGTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT

ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-Mlul

ACCN:

NM_001281466

Insert Size:

5016 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).

OTI Annotation:

Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.

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_001281466.1](#), [NP_001268395.1](#)

RefSeq Size:

7502 bp

RefSeq ORF:

5016 bp

Locus ID:

100040766

Cytogenetics:

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