

Product datasheet for **MC223382**

Mroh8 (NM_001039557) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Mroh8 (NM_001039557) Mouse Untagged Clone
Tag: Tag Free
Symbol: Mroh8
Synonyms: 4922505G16Rik
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC223382 representing NM_001039557
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCCCTGCCCGTAGGGGAGGGGAACCGCGCTAGCCGGCGCCGTGTGGTCCGCACTAGCCTCCCGC
 GGGCGACGCCCGCTCCCAAAGCGTGTGGCCGGGGCCCACTATTGAGCCATGCGCAACGCCTCAC
 CCGGCGGGCCATTCTCCGAGCAGTCCACCGAGCCGAGCAGGCAGACTTCCGCTCCGGGAAGTGG
 CTCCAAGAGCGCGCCGGAGGGGACGCCAGGGACCCGCGGCACACGCCACTTGCCAGAATGGGCTCCCGGC
 AAAGGGCCAGCGGTACAGAAGAAGTAGTGATCCCTGTGCTTCTGACAGTGACTCAGGGAGTGTAGACCT
 GCAGCTGAGCAACTAGACGACGTTCAAAGGGTGGAGCTAGTGTGAATTCACAGATTCGGACATCGCT
 GACATCCCTACACTGCCTCAGGAGTCCCTGCCAGATAACCTCAGGTTACTTACTCAGGAGCCCTCA
 GTGAGACCAGCATTGAGAGACTGGTCCAGTCCATCCAGGAAGTTTACATGGTGAGCTAAAGGGGAAAC
 TCAAAAGTTGAAGTTCCTAAGATCTTTGTCTTCTTTGAGCCAACTATACCTTATGACGAAAACACGGAA
 TCATTTATCACCGCCACACAGCAGAAAAGTAGTCATGTTCTAAGTGTGTTGGTACAGGAGGAGCCTCTGC
 ACTCTTAACCAGCATGGTGCAGGAGATCTTTGTACCATCACTGACCTCAGTTTCCAAAATGTGTA
 CCTGTTGTTGGCTCTGAAGACCGAGAGGACTTGTGGGCTTATCACAAAAGTATAATCTCTCTGCC
 GCCACAAGCACCCCTATCCAGCTGCTGAAGATAGTGCCAACAGGCCATCGAGCAAGAGTGTCTTACA
 GGGAGACGTTTCGAGGCCCTTTCTGTGATGCTGCAGAGTCTGGTAATAAAGATCCACATCTGGAATTTT
 TGACAGCATTTTTAAGCACATAGACCCCTGGTTACAGTCCGACAGAGACCATGAGCGGGAACGGCTACC
 ACTGTCATGGCCAAAGTTCTCAAATGCTTATCCAGTATCTCAGCCTGAAGCTTCCACTGCAGTTCAGA
 GGCTCGGGAATCTCGTGGCTGTGATGGCGTGTGTGGGGACCCACAGAAAGAGGTGGCTGAGGAGGC
 TGCAGAGGGGACACACTACCTGCTTCATATCACTGAGACTGAAATATATCATGCAGGACAGAGACAAC
 AATAGCAAGAACTTGAGAGAACTTTGAAAAAATGCAGGTTGCTGCTGGGCAATATAGCCTCAAACGGT
 TCTACTGCTGTCCCTACAAGATTGTTCAAGTCTTTGAAGTTTTCTCGACTCTCGGGAGCTCGGCCAGTT
 TATCATGACGATATTGGACAGCCTGAAAAATCTGCCGATCCCTGTATCCAGCAGACAGCAGGAGAGTTG
 CTGATAACCTTGGTGAAGAGTGCAGAGGCTCGGTTTGAAGGGTCCAGAAAATAGTAGGTGTGATCTGTG



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CTCGGCTGTCGATAATCACCCCTGACTAGTGTCCGGCAACAGATCATAAACTGTGAGTCTGTTTGTCTC
 CAGACCTAAGTACACAGATGTAGTGCTCAGCCACCTTTTATGCCATCCAGTACCCTATGACAGGCATCTG
 GCTGAATTGTGGAGATCCCTGGAGGTAGAGCTGTCCAACACGACCTGGGTCTATGGAGGCTCCTGCGGA
 AGCTGCAGAAGTGCCACGAGGGGCCAGCCAGGAGAAGATGGCCTACGTGGCTGTTGCTGTGACCGATGC
 CCTTTATGAGGTGCTCATGGGGAACAACTCCGAGCAGCCGATTCCGACTCTTCTCAGCTTTTGATG
 ACCCTGCTCATCCAGATTCACCACAGCATCGGCCTCACCATGTCTGACGTGAGCATCCCAAGTGGCCTGT
 ATGCAGAGCAGGAAGTACCAATGGAGTTACGCCTTTGTGCTTCGCCATACAAGTACAAGACTCTCCT
 CCTCAGAACCCTGTGCTGGCAGGAGTTCAGCATCATGGAAAAGAGCGGGGATGGACCCTTCTGAAGGGA
 GAAGGCCATCTTCAGGGAGTGTTCCTCCTTGCCTTGCCTTGCCTTGCCTTGCCTTGTGAAAGAAGTCACTCTTTCATATA
 AGATCTTGTACTTGTGCTGCTCCCTTTGATTAACCGAGGGAATGACAAGCATAAACTCACATCTGCAGGCTT
 TTTTGTGGAGCTCCTGAAGAGTCCGATGGCCAGGAGACTGCCAAGGTATACTCTACTATCCGCCTGAAA
 GCCTGGCTGAATGAAGAGAGTAAGCTCTTCAGGATCCTTGCCTGAGGGGACTGCGAAATCTTGTGACAG
 ACCAGGAGATGAGAGAAGACATCAAAGCCTGCTGCCATGCATCTTAAGTAGCCTACATGAGACCGATGA
 GAGGATCATTTTGTGGCTATCCAGATTCTCCTGCAGCTTGTGAGGATGTAGACTCCACCACCTGGCT
 ACCATGATGAAGACCCTGCTTCTTATTTGGTGTGTGAGACAGGACGTTCACTGTTTCTCCATGACTC
 TTTTGGAGCATCCATAAAGGCTGTGAAACACACAGAGAAGAAGAGCGTGAAGATCAAGTGTGGAGAG
 CTTAGTCCCACTACTTCTGTTTTCTCAGGATGAAAATGATGAAATAGCTAAGGAGAGTAGACGAGTCCCTA
 ACTCTTTGTGCCCGTTCCTGAATTGGAAGCTGCCCGAGAAGTATACTGCAAAGATCCCTTATACATCA
 AACCAATGAAGTTAGAAGGCTGTGCAATTTTGGAGAAAAAGCAAGGGGAAGATAGACATCCCTCGA
 CCAAACACTGCCGATTTCCAAGGATCCAAAACCTCCCATCAGAAGAACAGCTGTCTTGTGGTAGGGCTC
 TTATCACATTATGTGGATACAAGTGAATCAAGAGGAAAGGTACTGACTGGATAGAGAAAAGATCTGAGAG
 AACTGTTACAAGACCCCGAGCCCTTTTGCATCCTTGCCTCCCAGGCTCTGTTCCGAATCCAGAGGGT
 GGGGAGTACATCAGAAGCAGAGACAAGCGTTTCTGGTTGAGGAAGCTCTTGTGCTGTCTTCATACTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_001039557

Insert Size:

3150 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_001039557.4](#), [NP_001034646.2](#)

RefSeq Size:

3462 bp

RefSeq ORF:

3150 bp

Locus ID: 629499

Cytogenetics: 2 H1