

Product datasheet for **RN209710**

MIh3 (NM_001108043) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: MIh3 (NM_001108043) Rat Untagged Clone
Tag: Tag Free
Symbol: MIh3
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN209710 representing NM_001108043
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGC**C

ATGATCAGGTGTCTGTCAGATGAAGTACAAGCCAAGTTGCGTTCTGGTTAGCCCTAAGCTCCTTAGGCC
AGTGTGTTGAGGAACCTACCCCTAACAGTATTGATGCTGAGGCAACATGTGTGCCATCAGAGTGAATAT
GGAAACCTTCCAAGTCAAGTGATAGACAACGGACTTGGGATGGCGGGGGATGACGTGGAGAAGTGGGG
AACCGGTATTTTACTAGTAAATGCCACTCAGTACGGGACTGGAGAACCACCGTTTTACGGTTTCCGAG
GCGAGGCTTGGCAAGTATAGCTGACATGGCTAGTGTGTGAAATTTTCATCCAAGAAAAGCACAACATT
GAAGACCTTTGTGAAGATGTTTCAGAACGAAAAGCCCTCGCCGCCCGTGAGGCGGACTTGACCAGACCG
AGTGTGGGGACTACAGTGACGGTCTATAACCTGTTTTACCAGTTTCTGTGCGGAGGAAAAGCATGGACC
CTAGACTAGAGTTTGAAGGTTAGGCAGAGGGTGAAGCCCTCACTTATGCACCCCTCCATTTCTTT
CTCTTTGAGGAATGACGTTTCTGGTTCCATGATTCTTCAGCTCCCTAAAACCAAGACATATGTTCTCGG
TTTTGTCAAATTTATGGATTGGCAAGTCCCAAAGTTAAGAGAAATACATTATAAGTATAAGGAATTTG
AGTTTAAATGGCTACATCAGCTCTGAAGCACACTACAATAAGAATATGCAGTTTTTGTGTTGTAACAGAAG
ACTAGTTTTAAGAACAAAGTTGCATAAACTTATTGACTTTTTATTAAGGAAAGAAAGTATTATATGCAGG
CCAAAGAATGGCTCTGCCAGTAGGCAAATGAATTCAAGTCCTCGACACCGTTCTGCCTCAGAACTCCATG
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GATTGAATCCAGAACTGGGATACCGTGTGATTTGTGTTTCAGGAAGGAATAAAAAAGTTTTTAAAGCAA
GAAAAATATTTGTAGAATTATCAAGTGAAGATATTAAGGAATTAATGAAGATAATGGTTTTAGTTTGA
TTGGTACAACACTTCAGACACAGTCTACTCATGAGAAGTGTGACCAGAGCAGTTCCAGGAAGCGTGTAA
TAATATTTGGATTCCATGAAATGTTTAAATTTGCAGTCAAAGCTGTGAAAAGAATAGCTACTTTAGAA
AATAGAACCACAAAAATCTGGCGATTGAGGACTATCAGAAAAAGACAGAGGACTCATACACTTATG
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TTGTTGAAAAATAGGACTTCAGAAAGGCCACATGAAACCAGTCCAAAAATGTTTTCAAGCCCATTCAAA
CTCATCATCCCTTGAGGAGAGTGAGGCAGATCTAGAAAATAGAGATGAAAAGTAGTACTGTTAATGTCAT
GGCTGCCAACATTCTCCAAATAGTGAATTCAGAGTCAACTGGAGCAACTTGAAGATGCTCCTGAAGTG



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GAGTGCCAACCTCTGCCCTTTGAGACAACATTATTAAGAGCACAGGGTACTCTGAAAAAGAAGGAGAGAA
 AAAAGGAGCTCAGTAGCCATGGAAGAGTAAATGTTTTAGTTATGGACAGGTTAAATTGTGCTCCACTGG
 CTTTATCACTCATGTGGTACAACGCGAACCCGCAAGTCACCTGAAACAGAACAGTTGTTTTAAAAATTAT
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 CGTAAAGAATCACACACAGATTGCTTTTTGCCTGATACAACCTCTTTCCGTGGTGTAGAATGTTTTCCG
 GTGGTTATAAGAAAAAGGTAAAGTGGGTTCTTCAAACACGTAGTCCGTAGGAAGCTAAGCTTGCGTTC
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 GACAATGACACTGACTTCAGGACCCATCTTGAGCCTCACAATGAACCCGATGTTCTTCTGAAAGATAAGA
 GCCTCTCAGATATGTCTGATGGTGGTGAGATCACTCCATCAGAGCACAGTGATGGGTGTCAACCATTACG
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 CCTATCACTCTGGCGAATTGCTCCACGGTAACAGAAAACCTTCTGAGGTTAAGAAGTCCACTGAAGCCC
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 AGGATGATTCCATCAATAAAAAACAGCGTGTGTCTTAAACAGTGAACAGATGACAGGGAGAAACCAGA
 AACTTCCTTGCTGTACCTGTAGTGATTCTAAAAACAGCAAAGATTCAGATGTTCTTATCAGAGTCTCA
 GAGCAACAGAGTGAAGCCCTGACTCTGCCAGCAGGGAGGTAACGCGTCAGGTAGAAGATAGCGCCGGCA
 GCCAATGTGGAATCTGTTCCAGAGCCATGGGTTTAAAGCAAGATCTGTTCTGACAATGAAGAATCAAG
 TACGCACAGTATGGACTGGCAGCAGCATTTTGACGTAAACCCTGGGAAGAACGGTTTACATCAACAGAATG
 ACCGGGCTTAGCACGTTTGTGCTCCTACTGATGACATTCAGACTCCTGTACTAAAGATCTGACAACCC
 TGGCTGTGGATGTCCTACTTGGGAATGGGTCCAGTACAGGTGCATCCTTTTTAGAAGCGACCTTGTCT
 TCTTTTCTCCCAAGAGCTCAGGAAGAGAGACCAGGCGGAGACACAACAGAGATGCTGTAGATGCTGCT
 GCTGTCACTGAACCACTTCAGTCTTTGTTTTCAGAATGGAGCAATCCAGTGTTCGCCGATACCCAGAGG
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 TCGCTTACCAAAGAGATGATCCACTCAGTGCAGGTTCTCCAGCAAGTGGATAACAAGTTTATCGCCTGC
 TTAATGAGCTCGAGGACGGACGGGAGTGGCCAAGCAGGTGAAACCTGTAGTCTGGTGGACCAGCAGC
 CTGCCCATGAGCGGTTCTGTTGGAGCAGCTAATCACTGATTCTATGAGAAACAAGCTCCACAAAGTGC
 TGGCCGAAGAAATTACTGTCTCCACAATAATTCCTCCACTAGCGATCACCGTGTGAGGAACAAAGG
 AGACTCTACGGTCTTACCACAACATTTGGAAGATCTGGGACTTGAGTTGCTCTTTCCAGATGCTAGTG
 ACTCTTCGATCCTGGTGGAAAAGTGCCACTCTGCTTTGTAGAAAGAGAAGCTAATGAACCTCGAAGAGG
 ACGATCTCCTGTGACTAAGAGTATTGTGGAGGAATTGATTGAGAAACAGCTGGAGCTGCTCCAGACCAG
 GGAGGTATCCAAGGGACACTGCCGCTGACTGTCCAGAAGGTGTTGGCCTCCCAGGCTGCCACGGGGCCA
 TTAAGTTTAAATGATCGTCTGAGTCTGGAGGAGAGCTGTCGGCTTATCGAAGCTCTGCTCTGTGCCAGCT
 GCCATTTCAAGTGTGCTCATGGGCGACCTTCAATGCTGCCCTTAGCTGACCTGGACCCTTGGAGCAGGAA
 AAACAGGTTAAACCAATCTTACTAACTTCGCAAAATGGCTCATGCCTGGCATCTTTGGAAAAGCAG
 AAGGCTGTGATACAAAGCAGGAGCCACAACAGCCCGTACCTCCTTGTGAGCCACCGTGA

AGCGGACCGACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-RsrII

ACCN:

NM_001108043

Insert Size:

4329 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:	<ol style="list-style-type: none">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:	<u>NM_001108043.1, NP_001101513.1</u>
RefSeq Size:	5424 bp
RefSeq ORF:	4329 bp
Locus ID:	314320
Cytogenetics:	6q31