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Product datasheet for MC224718

Mroh2b (NM_001166066) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mroh2b (NM_001166066) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Mroh2b
Synonyms:	4930455B06Rik; Heatr7b2; SPIF
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF:

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>MC224718 representing NM_001166066
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGAAGAATACGGAGATATGTTTGGAGATATTAACCTCACAATTGGGATGCTGAGTAAGGAGGACAACA
TTAGCAAGGAAGACATTTATTGTCATCTCACTTCTTTTATTCAGAATACTGACATCATGGATGATGCAAT
AGTCCAAAGGTTGATTTATTACACTTCTAAGGACATGAGGGATGAGGAAATTCCCAGAGAACTCAGAATG
CTGGCTGGTGAGGTGTTGGTATCTCTTGCTGCTCATGATTTCAACTCCGTGATGTATGAAGTGCAAAGTA
ACTTTAGGATTCTAGAGCTGCCAAATGAATTTGTTGTGCTTGCCCTGGCTGAACTGGCAACCAGCTATGT
GTCTCAGAGCATACCCTTCATGATGATGACCCTGCTCACCATGCAGACCATGCTCAGGCTGGTAGAGGAT
GAAAATATGAGGCAAACCTTCTGTATAGCCCTTGAAAATTTCAGCAAGTCCATTTACAAGTATGTCAACC
ACTGGAAGGATTTTCCATATCCCAAATTAGATGCTAACCGGCTCTCTGACAAGATCTTCATGCTGTTCCG
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CCCACCGTGAGCCTGCTGCTGCATCGGGAAGACTTTTGTGAATTCGCGCTGAGCCAAATATCCTGGCTCC
TCCTCCAATACCGAGACAAGGAGAATGATTTCTACATCACACAGAGTCTGAAACAGATCCTCACTGCCGC
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GTCGTCTCTACAGGAGCTGTGAAACTTCCTTCACCCCAGCAGCTGCTGGCACGACTACTGGTAATATCTA
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AGCTTATGAAGGAGCCAATCCTTTGGAAGCACGGAAATCTTCGAGATGTACTGATTTTCATGGATCAGAA
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CAACTTCTACTTCAAGGAGATAGTGCTCCAAACAAGAACCTTCTTTGAAGATGAGCAAGATGATGTGAGA
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ACCAGGAAATTCTGTGGATTCTCCACACGCATTCATTCACCTTCTTCACCAGCAGCTGGGAGATGATCAG
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ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

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ACCN:	NM_001166066
Insert Size:	4746 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_001166066.1, NP_001159538.1
RefSeq Size:	5232 bp
RefSeq ORF:	4746 bp
Locus ID:	223825
UniProt ID:	Q7M6Y6
Cytogenetics:	15 A1
Gene Summary:	May play a role in the process of sperm capacitation (PubMed:27105888).[UniProtKB/Swiss-Prot Function]

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