

Product datasheet for MC208979

Msi1 (NM_008629) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Msi1 (NM_008629) Mouse Untagged Clone
Tag: Tag Free
Symbol: Msi1
Synonyms: m-Msi-1; Msi1h; Musahi1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC208979 representing NM_008629
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGACTGACGCGCCAGCCGGCCTCGCCTCCCGGACTCGCCGACGACCCCTGCAAGATGTTCA
 TCGGAGGACTCAGTTGGCAGACCACGCAGGAAGGGCTGCGCGAATACTTCGGCCAGTTCCGGGAGGTGAA
 AGAGTGTCTGGTATGCGGGACCCCTGACAAAAGATCCAGGGTTTCGGCTTCGTCACTTTCATGGAC
 CAGGCGGGGGTGGATAAAGTGTGGCGCAATCGCGGCACGAGCTCGACTCCAAAACAATTGACCCCAAGG
 TGGCCTTCTCGAAGAGCACAGCCTAAGATGGTCACTCGGACGAAGAAGATCTTCGTGGGGGGCTGTC
 TGTGAACACCACGGTGAAGATGTGAAACACTATTTTCGAGCAGTTTCGAAAGGTGGATGATGCCATGCTG
 ATGTTTCGACAAAACCAACAGGCACAGAGGGTTGGATTTGTACGTTTGAGAGCGAGGACATCGTAG
 AGAAAGTTTGAGATCCACTTCCATGAAATCAACAACAAAATGGTGAATGCAAGAAAGCCAGCCAAA
 GGAGGTGATGTCCCGACAGGCTCAGCCCGGGCAGGTCTCGGGTATGCCCTACGGAATGGATGCCTTC
 ATGCTGGGTATTGGATGCTGGTTACCCAGGGTTCCAAGCCACGACCTACGCCAGCCGGAGTTACACAG
 GCCTTGCCCTGGTTACACCTACCAGTTCCCGAATTCGTGTAGAGCGGAGCCCTCCCGAGCGCCCC
 AGTCCTCCCCGAGCTCACAGCTATCCCTCTCACGGCTTATGGGCCATGGCGGCGCAGCGCGCGGCA
 GCTGTAGTTTCGAGGGACAGGCTCTCACCCCTGGACGATGGCTCCCCCTCCAGTTCCACTCCAGCCGCA
 CAGGGGGCTTCTAGGGACCACAAGCCCGGCCCATGGCTGAGCTCTACGGGGCAGCAACCAGGACTC
 CGGGGTACGAGTTACATCAGCGCCGACGCCCGCCCCAGCACTGGTTTCGGCCACAGTCTTGGGGGT
 CCCTTGATTGCCACAGCCTTACCAATGGGTACCAC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_008629



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Insert Size:	1089 bp
OTI Disclaimer:	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info</p>
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:	NM_008629.1 , NP_032655.1
RefSeq Size:	1551 bp
RefSeq ORF:	1089 bp
Locus ID:	17690
UniProt ID:	Q61474
Cytogenetics:	5 F
Gene Summary:	<p>RNA binding protein that regulates the expression of target mRNAs at the translation level. Regulates expression of the NOTCH1 antagonist NUMB. Binds RNA containing the sequence 5'-GUUAGUUAGUUAGUU-3' and other sequences containing the pattern 5'-[GA]U(1-3)AGU-3'. May play a role in the proliferation and maintenance of stem cells in the central nervous system.[UniProtKB/Swiss-Prot Function]</p>