

Product datasheet for **MC211755**

Msi2 (NM_054043) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Msi2 (NM_054043) Mouse Untagged Clone
Tag: Tag Free
Symbol: Msi2
Synonyms: 1700105C15Rik; AI451722; AI563628; AW489193; Msi2h
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC211755 representing NM_054043
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGAGGCAAATGGGAGCCAGGCACCTCGGGCAGCGCCAACGACTCCCAGCAGCACCCCGGTAATGT
 TTATCGGTGGACTGAGCTGGCAGACCTCACCAGATAGCCTTAGAGACTATTTAGCAAATTTGGAGAAAT
 TAGAGAATGTATGGTCATGAGAGATCCCAACGAAACGCTCCAGAGGCTTCGGTTTCGTCACCTTCGCA
 GACCCAGCAAGTGTAGATAAAGTATTAGGTCAGCCCCACCATGAGTTAGATCCAAGACGATTGACCCAA
 AAGTTGCATTTCTCGTCGAGCGCAACCTAAGATGGTCAAGAACAAGAAAATCTTCGTAGGAGGATT
 GTCTGCAAAACACAGTAGTGAAGATGTAAGCAGTATTTTCGAGCAGTTTGGCAAGGTAGAGGATGCGATG
 CTGATGTTTCGACAAAACCAACAGGCACAGAGGGTTTGGCTTTGTCACCTTTGAGAATGAAGACGTTG
 TGGAGAAAGTCTGTGAGATTCATTTCCATGAAATCAATAAATAAATGGTAGAATGAAGAAAGCTCAGCC
 GAAAGAAGTCAATGTTCCACCTGGGACAAGAGGCCGGCCCGGGGGTCCATACACCATGGATGCGTTC
 ATGCTTGGCATGGGATGCTGGGCTACCCCAACTTTGTGGCAACCTATGGCAGAGGCTACCCCGGATTTG
 CTCTAGCTATGGCTACCAGTCCAGGCTTCCCGCGGCAGCTTATGGACCAGTGGCAGCGGCAGCTGT
 GGCAGCGGCTCGAGGATCAGTCCGAATAGCTACAGTGCTCAACCGAATTTGGCGCGCCCGCTTCCCCG
 GCAGGCTCCAACCCGGCGCGCCCGGAGGCTTCCCGGGGCAACAGCCAGGACCTGTCGCCGATCTCT
 ACGGCCCTGCCAGCCAGGACTCCGGAGTGGGAATTACATAAGCGCGGCCAGCCACAGCCGGGCTCCGG
 TTCCGGCCACGGCATAGCTGGACCTTTGATTGCAACGGCCTTTACAAATGGATACCAC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_054043



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Insert Size:	1041 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_054043.3 , NP_473384.1
RefSeq Size:	6505 bp
RefSeq ORF:	1041 bp
Locus ID:	76626
UniProt ID:	Q920Q6
Cytogenetics:	11 C
Gene Summary:	<p>RNA binding protein that regulates the expression of target mRNAs at the translation level. May play a role in the proliferation and maintenance of stem cells in the central nervous system.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).</p>