

Product datasheet for **MC203086**

Mdp1 (NM_023397) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Mdp1 (NM_023397) Mouse Untagged Clone
Tag: Tag Free
Symbol: Mdp1
Synonyms: 1810034K20Rik; AI035604
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >BC046613

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GTCGACCCACGCGTCCGGGGACACACTCAGCGCCAAGTTGGATTGCGGGTGGATCATGACGCGGCTGC
CAAAGCTTGCCTTTTTGATCTGGATTACACGCTCTGGCCTTTCTGGGTAGATACACACGTAGACCCCC
ATTCCACAAGAGCAGCGATGGAAGTGTACGAGACAGGCGGGGCCAGAACATCCAATTGTACCCGGAGGTG
CCCGAGGTCTTGGGAAGACTGCAGAGCCTTGGCGTGCCTGTCGCCGCTGCTTCTCGGACAAGTGAGATAC
AAGGGGCCAACCACTCTGGAGCTCTTTGACCTTGGCAAATACTTTATTCAGCGGGAAATCTACCCAGG
CAGCAAAGTCACACACTTTGAGAGGTTGCACCACAAGACCGGAGTTCTTTCTCTCAGATGGTCTTCTTT
GATGATGAGAATCGGAATATCATAGACGTTGGCAGACTTGGCGTTACCTGCATTACATCCGGGATGGGA
TGAGTCTTCAAACGTTAACTCAAGGATTAGAGACATTTGCAAAGGCCAAGCTGGACTCTGAGGTCCAAT
CCTGTGGATAAGCCTCATCTGCAGTGTAAACTAAAATCAAGAAAGCCTTGTGAGGGCTCTGTATTAA
AGTGTCACGTTGACAGTCAGGTTCTGCCACCGTATGGGTTGTTTCCATTTTTCTTTCTTTTTCACA
AAGATTTATTTATGTATATGATACTGTCTTTCAGACACACCAGAAGAGGGTATCGTATCAGATCC
CATTACAGATGGCTGTGAGTTACCATGTGGTTGCTGGGAATTGACCTCAGGACCTCTGGAAGAGCAGGCA
GTGCTCTTAACCACTGAGCCATCTCTCCAGTCTGTTTCCATTTTTCTAACATGTAAGTGAAGTTGTGTC
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AAATAGTGGGGTGCCATAACGCTGTGCATTTCTTTGTAGGGACTAAAAGTTAATACTGTTTGGAAATAAG
GTTGGGGCCGGCCGGCCTTTCTGGTAGTAGGGAGTAGCTCAGGAATGAGCCAACCATAGCACGAGGCTT
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CCTCCTGGGAGGTGCTGGCCAGAAGGGAATGGGAACAACAAGAGCCAGGCAAGAAGAGGCCCCAGGAGACA
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CCCAGTCAGCCTTGAGCTGGACTGAGTCAGGGGGTGTGAATGGATGGTGGTGGAGACAATTGTTAACTCCT
GTGGCATGCATGGGCTTGAGGGGACTGCTTTCCAGGTGGCTGTATCCAGTCGTTTCTAAAATGTTGTTGC
TTACTTCATTTGAATAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

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Restriction Sites: RsrII-NotI



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ACCN:	NM_023397
Insert Size:	495 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:	BC046613 , AAH46613
RefSeq Size:	1674 bp
RefSeq ORF:	495 bp
Locus ID:	67881
UniProt ID:	Q9D967
Cytogenetics:	14 C3
Gene Summary:	Magnesium-dependent phosphatase which may act as a tyrosine phosphatase. [UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the shorter transcript and encodes the functional protein.