

Product datasheet for **MC204719**

Mtbp (NM_134092) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mtbp (NM_134092) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Mtbp
Synonyms:	A1429604; MDM2BP
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC052197
 TGCTTCCCCGCCACACTCGGGTCCCCGCCGGTAGCGGTTTCGTTATGAGAGGAGCAGAGAGTGTGGCTCC
 TGAGAGAAATAATTTCCACAATAATTTGGCGGAAAACCGACGTAGGACATTATTTTGACGCCAACCTGAG
 CGGCAGGAAACCGGAAGTGCACGTTGCGCGCGGCTCTTTTGAGACCTAACACTGAGTCCGGGCGCGAAGA
 GGATGGATCGGTACTTGTGCTGGTACCTGGAGGGAAGGGAAGTTTCGATCCGTGGCGGGTGGGGAGAT
 CGAGCCTGGCACTGAGGCGACATCCCTGGAGAGCACCGACAAACAGCCCGATTGACCGCAACCAATATT
 TATCACCTCTTGAAAGAGAAGCATCAGCGATTCAATCCATCCAGATGACAGTACATTCCCTGCTTGTTCAG
 TGGGTGGCACACCTCATTCCAGGAAGTGGTTCTTTGCGGTGCAAGCAATATGCGGATTTTACCAGTTTTG
 TAGTTCTGATTGGCAAGAGATACATTTTGTGCTGAAAAAGATAAAATCGAAGATGTTCTTCAAGCAAAT
 ATAGAAGAATGTCAGAGTGTGTTGAGTGTGTTGAAAGAAGATGACAGTAATAGCAGGGAATCCTTACCCT
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 AGCAATGATAGACATAATACTGTTGCCTTCTGACAAAGACCTCCTAAGCTAAAAGAGTGTGTTGCCATT
 GTAGGGCCCTGAAACATCTGAAGGAATGGCATTAGCAAAAGTTATCATAGCAGGAAGTACTGTGAGA
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 CCGATGAACTCAAAGTCTGTTGGCACTCACGAGGGAGCGCTTCTAGGTCACTTTGATGTTCTCCCCAC
 TGAAGCAGCTTTAGCACAAACAGACACCGTGAGAGCTGCCGGCGTGGTAAATGATGACGGTACAGTTGAA
 CCTTATTCTTCAAGCCTAATGAAACCAATCCTCTGGAATGGCCAGAAAGACATGTTCTTCAAGATTTAG
 AAATTCTGAAAAAGCTAAACAAAAATGAGAAGTGGCTCATTACCGGTTTCGTGTAACAGTTGCTGGG
 CCATAAAGAGGGTCCCCGGGACTCACTCACATTACTGGATGCTAAGGAGCTGCTGAAGTATTTACCTCG
 GATGGGTTACCAGTCGGAGATCTCAGCCGTTACACATTCACCGGGGGAAAAGCCTTTTGTGTTGACAC
 CAGAGCTTAGTCCTGAAAACCTCAGGTCTTACCTTTGAAAAGCCTCGGAATGCCATTACCACGGGAT
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 ATTCGTTACGAGACGCAGACCACCTGCACCAGAGACAGTTTTCCAGTCCCACCGTGTGAGCCCTCTTC
 CATCCCCTGCAGTTCTGTGAGAGCCTCAGAGTGTCCCCGAAGGAGAAGCACTGCAAGGCGAACTGAGGAC
 TGAAGTTTCTGGATTGAAGCGGAGATCTAAGACCCAGCTGCCTGTACCCCAAGAAAAGACTTACGAGA
 TCAGAAAGTTCTGATTGTTTGCCTTCCCAAGCGAGTTGCAATAGTAATCATCACCATCACACAGGGAAAC
 CCAGGAAGCCTCAGGCAGAGCGCTGTGTGTCAGGGCTTCTCTGCCTGGCCGGGAAGCTTCCAAAGATA
 CTCAAAGACCAGTTCAGGACAAAAACGAGCACACGAATCAAATCATCAAAGCAAATGAAGGAATCACGG
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 AACATCAAGGGTCTCTTTGAAGAAATGAAGAAAACAGCCAACAACAATGTTGTGCAAGGTGATCGAATGG
 GTGGTAGAAAAGATGAGCAAGAAATAAGCTACTGCACCCCTTTCTTAGAGAACTGTACACAGCCTGTA
 AACTTTCCCAAGAGCAGATGCCTCATTTGTAAGGAGGGTCCATGGTGTCTGTATCTATATAGTTTTG
 TGACACTCAGTTATTTTCACTAATGCATTTATTTTACAGTTTTACAATATTTTAACTATGAAATTTT
 TATATATTTTAAATGTTTTAACTCTTGGTTATTTAATTGTTAAATAAACAGTAATATTTTCATAAAAAAA
 AA

Restriction Sites: RsrII-NotI
 ACCN: NM_134092
 Insert Size: 2685 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:	BC052197 , AAH52197
RefSeq Size:	3199 bp
RefSeq ORF:	2685 bp
Locus ID:	105837
UniProt ID:	Q8BJS8
Cytogenetics:	15 D1
Gene Summary:	May play a role in MDM2-dependent p53/TP53 homeostasis in unstressed cells. Inhibits autoubiquitination of MDM2, thereby enhancing MDM2 stability. This promotes MDM2-mediated ubiquitination of p53/TP53 and its subsequent degradation. Inhibits cell migration in vitro and suppresses the invasive behavior of tumor cells.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (1).