

Product datasheet for MC202932

Mtfp1 (NM_026443) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Mtfp1 (NM_026443) Mouse Untagged Clone
Tag: Tag Free
Symbol: Mtfp1
Synonyms: 1700020C11Rik; 2610507A21Rik; AV005788; Mtp18
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC019205 sequence for NM_026443
 CCACGCGTCCGCCACGCGTCCGCCACGCGTCCGGCGGGACCCGTCCTTCAGCCTCGGACTACTGGCGG
 GTTCTTGCTGGTGTAGCCAAGTGTAGTGGAGACACAGTTGTGGTGGAGACTCTAATCTGCAGCGACTC
 CAACCTTGCCGGGAAGTCAATGTCGGAGCAGCAGCGGCGAGCGGCGGAGCCTCTACCGGGACACG
 TGGGTGCGCTACCTGGGCTACGCCAATGAGGTGGGGGAGGCTTTCCGCTCGCTGGTTCTGCAGCTGTGG
 TGTGGTTGAGCTATGGTGTGTCCAGCTCTATGTCTGGCCGATGCCATAGACAAAGGCAAGAAGGCAGG
 AGAGGTGCCAAGCCCTGAAGCAGGCCGCAACACCAGAATGGCCCTGGCTGTGGTGCACACCTTTGTGTGG
 CAGTCTCTGGCCTCTGTGGCTATCCCAGGCTTACCATCAACCGTCTGTGTGCTGCCTCTCTATGTCT
 TGGGTACTATGACCCACTGGCCCCGACTGTCCGCAAATGGACCACCACCACACTTGGACTGCTGGCCAT
 CCCCCTCATAATCCACCCATCGACAGGTCACTGGACTTCTCTGGACTCTAGCCTGCGCAAGCTGTAC
 CCGTCAGTGGAGAAGCCAGCACCCCTGACCCTGCCCTGTGCCCTGGCTGGGGTCCGCCACTCACATC
 AAAGAATGTGGATACGTGGCTGTTTGGGGTCCATGGCACTGCCATCTGGGTGGGTTCACATTGATGGGAG
 CTTAGAGATGAAGGCCCGAGGAGTAGTGGCAGTGAGTCTGAGGTGGGACCCAATTCTGTCTGCCTCAG
 TGGCCACGGTTGTGCTGAGTGGGAACGAACTCTGGCTGGGCTGTCTTTTAAATCTTTTTTAAAGTA
 TTTATTTATGTGATAAGTGTTTACTTGCATGTCTGTATGTATGTGCAGAACCCCTTAGAGGTTAAAG
 AGGTGATTAGACCCCTCTGGGACTGGAGTAGGGATGCTGTGAACCCCATGCGGGTGTGAGAAGTGA
 ATCTGGTCTTCTGCAAGAGCAGCAAGTGTCTGTTCACTAAAGTTCTCTTAGCCCCGGGCCACCTTC
 TGATGGAAAAGTTAGTTCCTCCCATGGAAGAGAAGAATACTAAGGCCAGAGAGGGCAGGGAATACTGAG
 ATCATGTGACAAGTGAAGCCAGTCTTCTGGCTATTCTAAGTCACTTTGTGGTAGTGTGGCTGAGCCGACT
 TAGGGAAAAGATACAGAGGTACAGTATTTGGGACACTCAGGGCAGAGTCTCTGGCCAGCCTGTTCTGTG
 CAGGAGCTGCTGGCCTGGTGAAGGCAGGACAATCACAAACCAAGTGCTAACCTAATAAACTTTCAAA
 AATGGCAA

Restriction Sites: RsrII-NotI
ACCN: NM_026443
Insert Size: 1293 bp



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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:	<u>BC019205</u>
RefSeq Size:	1450 bp
RefSeq ORF:	1293 bp
Locus ID:	67900
UniProt ID:	<u>Q9CRB8</u>
Cytogenetics:	11 A1
Gene Summary:	Involved in the mitochondrial division probably by regulating membrane fission. Loss-of-function leads to apoptosis (By similarity).[UniProtKB/Swiss-Prot Function]