

Product datasheet for **MC205167**

Mpped1 (NM_172610) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mpped1 (NM_172610) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Mpped1
Synonyms:	6230403M19; AW456965; D15Bwg0669e
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC057550
 CCGGGGCCAGTCTGTTCCGAGGTCTGGCGGGGACCCGGCGACGGTCTGGTGGTGGCAGCGGTGGCGCT
 GGGAGATGCCACGGAGGTCCATGTGGCGCCCTAGGTGGGATCCTGGCATCCTGAAGGCTGAAGCCCTGG
 CCCTGCTCCCCTGTGGCCTGGGCATGGCGTTCTCTCAGTCTCACGTGATGGCCTCTCGACGGCACCAACA
 TGGCCGACTCATCATCGAGGTGGACGAATACAGTCCAATCCCACCCAGGCCTTACCTTCTACAATATC
 AACCCAGGGCCGCTTCCAGCCACCTCACGTGCAGATGGTGGACCCAGTGCCTCACGATGCCCAAAGCCAC
 CTGGCTACACACGTTTTGTCTGTGTTCTGACACTCACTCAAGGACAGATCCCATTCAAATGCCCTACGG
 CGATGTGCTGATCCACGCTGGGGACTTACGGAACCTGGGGCTCCCAAGCGAGGTGAAGAAGTTCAATGAA
 TGCTGGGCAGCCTGCCCTATGAGTACAAGATCGTGATTGCGGGCAACCAGAGCTGACCTTCGACCAGG
 AGTTCATGGCCGACCTCATCAAGCAGGACTTTTATTATTTCCCGTCCGTGTCCAAGCTGAAGCCGGAGAA
 CTATGAGAACGTGCAGTCTCTGTGACCAACTGCATCTACCTGCAGGACTCAGAGGTCACGGTGCCTGGC
 TTCCGGATCTACGGCTCCCCGTGGCAGCCCTGTTCTATGGCTGGGGATTCAACCTCCCAGAGGGCAAG
 CGCTCCTGGAGAAGTGAATCTCATCCCAGAAGGAGTAGACATCCTTATAACTCATGGACCACCTGGG
 CTTTCTAGACTGGTCCCAAGAAGATGCAGCGTGTGGGCTGTGTGGAGCTGCTCAACACAGTCCAGAGG
 CGGGTCCAGCCAGGCTGCACGTCTTTGGCCACATCCATGAAGGGTATGGCGTATGGCAGACGGGACCA
 CCACCTATGTGAACGCGTGGTGTGCACTGTGAATATCAGCCTGTGAATCCCCCATAGTCATCGACCT
 GCCCACACCCCGAACTCCTGACTGCTACCCACTCCAGTTCTGCCTACCCATGTCAGCTCTGTATGTCTG
 GCCAAGAGCCTGGATCCCCTAACCCACTTCTCCCATGCAGAACAGCCTGGACAGTCCATTTGGCCTCGG
 GACCAGCCAGCAACGAGTAGAATCCTTGGGATAAAAGAAATCGCCTTTGTGAGCTTTCTGCCGCTGCTG
 CTGGGACCTTGAACAGTCCCATCAGGGCCACCAGGCTCATCTCTGTGTTCTGTGTGTCATCTGCCCTT
 TTTTCTAGAGCCTAACACACTCACAGCCCTGTCTCACTTGGGAAATGACAGAAGCTCGGTTCAAAGACA
 CCCTCCGGCTTTGAGAAGCCGCTGCTCTCGGATGGAATTTGGGAAGTTTATAACAAGATGTCTAGTACC
 CAAGTGTGTGGCTTGTGAGCCCCAAGTTGCGGAAGTATGGCCTAGGCTCGGGCAGCTTCTCTGTGGC
 TGGAGGAAAGGAGATAGACTTGTTCCTTACGTGCATGGGTCTTGGGAATGTTACGGGACATCTCAGGAAT
 TCCGACAGCCCCGCGCCAGGCTAGAGCAGATGGCTTGGCTTAGTCCCCATTCTTCTCAGGACCCTG
 CTGCCAATGTGGACAATGGCTGAGTGTCTCCAGCTTCTGGCTCAGAACCTGGATTTGGGAGGGGAGCTT
 TGTTCTTCTGGGTGGCCAGAACCCTGCTGGTACTCATCACAGTGAAGCCATCTTAGATCATCTGGGACCA
 CACTACTTTGTAGATCACGATGGCCAGGGGATTCTGTGGGCTGAGACCTATGCCTGGTGTGTACATGCC
 CCATGTCTGTGGCATGTGTGTGCTTCTCCAAACCTAACCCAGGTTGTTAGCATCTACAACGAGCTCCATCC
 TCCATGTGATTGATTTTTCTTCCGAGGGTTCCAGGAAGCTTGTGAGTACCACAGTAACCGGGAGGTGG
 CGCAGTTACAGAGCCACCCCGGGTGTGATGGCAGCTCCACCTCTGGCTGCAGCCTTTCTTGTGAGTGGC
 CTGGGTGAACCCATCTGCAGAGGACAGAGCCAGCGGGCCCTGAGTCAGGGGGAGGAGAGTCCATCACTG
 TCTATTTAAAATGCCCATATTTGTTCTTTGTGGACTCTTTTTTGCACCTATTCCGATTCTTAGTAACATG
 TCACTAAAATAGTATTATTTGTCCCGACTCTTGATGTTTTACACCCTTTATGTCATGCATCAGACACGAG
 GGCTCACTTGCTTGGCCTGGTTCAGCCTTGGGGACCAGATATCCTGGTACCTTTACTCGGTATAATTT
 TGTTTTATCTACAGACATTCTGCAAGGTAGGTACTCTTGGCCTGTTACAGAGATGAGTCCACTGAGAGG
 AGAGGTCACTTGCTGAGGATGCACAGCACAAGGGGGCAGCAGTGGGATTTGGGCTCCATCTCTGGCC
 TCACACCCTTCCATCACCCTGGAGTTCTCTCCCTGCAAAGCAGGGCCTGGGTGGAGAGTCTCGCTTCA
 TTTGGAAGGGTCTTTTCAAACCTGGCTTGTTCATTCTCAACCTCGAGTCCCTCAGACCATCAGGAAT
 CCTGAGCTTTTGGCTCAGCATCCAGCATCCTGTGAGGCCCACTCCCAATTTCTTCTCTCGGGTGAAGT
 AGCTGGGCTCTGGGATGCATTCCAGGCCACCTTTGGTGCCTACGTTGGCCAGGGGCAACTGTGCCCA
 CAGGACACAGGGCTGCAGGAATCTTGTGGGCAAGTGGTCTGGTGTGTGGGACATTTACAAGGTCT
 CTCTTCCGGTGCCTCAGATGCATGGCGTGTGGGGCAGAGAAAAATACATCTCCCATGTGCTTTCTCAGC
 TCCACAGTTTCTATATGGACCAAGAACTATAAACTTAAAAAATTTTCTAGGGCATCTTCAAGATGCGG
 CATATTTTATGTGGAGAAGAAAAGCTGTGGAGGCAGCTGTCTTGAAGAGAAAATTCATTGGAAGTCCCT
 AAGATTTGAAAGATGGCGCCTGCTCCTCAATCATTTTGGCATAACTTGATTGTGGCTGTAATTTTTTTT
 GTCAAGCATGTCAGACAATAAAGTCTTTGTAAAAAGAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA AAAAAA

Restriction Sites: Ascl-NotI
ACCN: NM_172610
Insert Size: 981 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:	BC057550 , AAH57550
RefSeq Size:	3227 bp
RefSeq ORF:	981 bp
Locus ID:	223726
UniProt ID:	Q91ZG2
Cytogenetics:	15 39.44 cM
Gene Summary:	May have metallophosphoesterase activity (in vitro).[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (3) differs in the 5' UTR compared to variant 1. Variants 1, 2 and 3 encode the same protein. Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.