

## Product datasheet for **MC205751**

### **Mep1a (NM\_008585) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Mep1a (NM_008585) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Mep1a
Synonyms:	AI098089; AW107200; Mep-1; Mep-1a; Mep1
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >BC015258  
 GGTCCAATAGGTTTTATGGCAAGGAGGCTTGGCAGATCCAGTTCATTTGCAATAATGCTTTGGATACAA  
 CCTGCGTGTCTTCTCTCACTGATTTTTCTGCCACATAGCAGCTGTATCGATTAAGCATCTTTGAATG  
 GATCTGATCACGATACAGATGTTGGTGAACAGAAGGATATTTTCGAAATCAATTTAGCTGCAGGCCTGAA  
 CCTCTTCAAGGGGACATCCTTCTGCCAGAACCAGAAATGCCATGCGAGATCCCTCAAGCAGATGGAAG  
 CTCCCCATTCCATACATTCTGGCTGACAATCTGGAGCTGAATGCCAAAGGAGCCATCTCCATGCCTTTG  
 AGATGTTCCGCTCAAGTCTTGTGTGGATTTCAAGCCCTACGAAGGGGAGAGTTCGTATATCATCTTCCA  
 GAAACTTTCTGGGTGCTGGTCTATGATTGGTGATCAACAGGTGGGACAGAACATTTCCATTGGTGAGGGA  
 TGTGACTTTAAGGCCACCATTGAACATGAAATCCTGCATGCTCTGGGATTCTCCATGAGCAGTCAAGGA  
 CTGACCGGGATGATTATGTGAACATTTGGTGGGATCAAATCATTACAGACTATGAACATAATTTCAACAC  
 ATATGACGACAACACCATCACAGACCTCAACACACCCATGATTATGAGTCCCTGATGCACTACGGGCCA  
 TTTTCGTTTAAACAAGAACGAAAGCATCCCTACCATTACTACCAAGATCCCTGAGTTTAAACCCATCATTG  
 GACAACTCCCGGACTTCAGTGCCATTGATCTAATAAGACTGAATCGAATGTACAACCTGCACCGCAACACA  
 TACTCTGTTGGACCACTGTGACTTTGAGAAGACCAACGCTGTGGGATGATCCAGGGAACCAGAGATGAT  
 GCTGATTGGGCTCATGGGACAGCAGTCAAGCTGAACAAGTGGATCACACCTTGGTGGGACAGTGTAAAG  
 GTGCCGGTACTTCATGTTCTTCAATACCAGCTTGGGGCAAGAGGAGAGGCAGCCCTTCTGGAGTCTCG  
 AATCCTTTATCCCAAGAGGAAGCAGCAGTGTTCAGTTTTTTTAAAGATGACTGGAAGCCCTGCAGAC  
 AGATTTGAAGTCTGGGTGAGAAGGGACGACAACCGGGCAAGGTGCGACAGCTGGCCAAGATCCAGACCT  
 TTCAAGGAGACTCTGATCACAACGGAAAATTGCTCATGTGACACTCAATGAAGAAAAGAAAATTCGCTA  
 TGTTTTCTGGGTACCAAGGGGACCCTGGTAACTCAAGTGGTGGTATTTACCTTGATGACATCACTCTG  
 ACAGAAACCCCTGCCCTGCAGGGGTTGGACCATCCGGAATATCTCCAGATCCTTGAGAACACAGTGA  
 AAGGGGACAAGCTCGTGAGCCCTCGTTCTACAATTCTGAGGGTACGGTGTGGGGTGACCTTGTACCC  
 CAATGGTAGAATCACCAGTAACCTGGCTTCTGGGACTCACTTTTCACTTGTACAGTGGGATAACGAT  
 CGGATTTCTGGAGTGGCCAGTGGAAAACAGACAGGCCATAATGACCATCCTGGACCAGGAAGCTGATACCA  
 GGAACAGGATGTCCCTGACCTTGATGTTCACTACCTCCAAGAACCAAACATCTTACGCTATAAATGGCTC  
 TGTCTCTGGGACAGGCCATCCAAGGTGGGAGTCTATGATAAGGACTGTGATTGTTTCAGAAGCCTTGAC  
 TGGGGCTGGGGTCAAGCCATCTCCACCAGCTGCTGAAGAGAAGAAAATTTCTTAAAGGCGACAGCCCTCA  
 TCATTTCTGGGACTTTAAAGACCTCACCCACTGAACCGGACTGAAGTTCAGCTTCCAGCCAGAAGCAC  
 GATGCCAGAGGCCTCCTTCTGCAAGGCCAGGAGTCTCCTGCCTGGGAGAAAGCTCCAGAAAAGCCATG  
 CTGGAGGAATCCCTGCCAAGCAGCTGGGCCAGAGACATCCAGCAGACAGAAGCGCTCGGTGGAGAACA  
 CTGGCCCATGGAGGACCACAACCTGGCCACAGTACTTCAGAGACCCTGTGACCCAAACCCTTGCCAGAA  
 TGAAGGCACCTGTGTGAACGTAAGGGAATGGCCAGCTGCAGGTGCGTCTCTGGGCACGCCTTTTTCTAC  
 GCAGGGGAGCGCTGTGAGCCATGCACGTGCACGGCAGCTTGTGGGCCTGCTCATTGGCTGCATCGCTG  
 GCTTGATCTTCTGACCTTCGTACATTCTTACCACCAACGAAAGCTGCGGCAGTGAGCAGCTACCCG  
 CGGATGTCCACCCAGACTTTCCTTCTGTGGTCAAGCACTCTGGGGGTAGTTTTCATCAAAATGTTGA  
 GAGGGCTCCAAAGCCAAAGCCCAACCTCCTGCGGGTCTGGCCACTCCATCCCTGTACAGTTCTGC  
 TATGCTTCTGCGAATCCTGGCGAATCCATTGCGTCTAACAACAGTCATCATATTTTATTATAAACGCT  
 TGGCTTGTGCTTCCCTTCTCCCTTAAATCACAAGTCTAGTTGGTAGGGCATGAGTTATCTTACAGTA  
 CTACACTGACCCAGTGCTAGAAGCGTGACTGACTGGTGTATTGTGGTACTCAGTAAGCATTAAATGAA  
 TGAACCAATAAGCGAGTGAATAGCTGTGGTCTAGTAAGTCTTTTGTCTACCTTTGTATCATAAAACAT  
 ATGATTAAGTCTATATGCACGTGTGTTAGAACCGAATACTCAGTTTTACCAGACACAGAAGTCTTATCC  
 CTCATGTCGTACCTTGTAAAATCACTTACAGGATTCTCTGGTCACTGGATTTCCACAGCATGGACTTT  
 CTTTCTGCTCTGGTTTTAAGGAAAAAAGCTTAAATAAAACCACTAACGATGCAAAAAAAAAAAAAAAAAA

**Restriction Sites:** RsrII-NotI  
**ACCN:** NM\_008585  
**Insert Size:** 2283 bp

<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">BC015258</a> , <a href="#">AAH15258</a>
<b>RefSeq Size:</b>	2937 bp
<b>RefSeq ORF:</b>	2283 bp
<b>Locus ID:</b>	17287
<b>UniProt ID:</b>	<a href="#">P28825</a>
<b>Cytogenetics:</b>	17 19.73 cM