

## Product datasheet for **MC200777**

### Prep (NM\_011156) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Prep (NM_011156) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Prep
Synonyms:	AI047692; AI450383; D10Wsu136e; PEP; Pop
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >BC012869 sequence for NM\_011156  
 GTGAGTCCGCCCGTGCACGCCGGCTGTCCGCTCGCCCGCTCGCACGCCGCCCTCCGCCGAGTCCGCCG  
 CAGCCTCGCCCGCACTTCCCCCTTCAGCCCGCGCCGGATCCGGCCATGCTGTCCTTCCAGTACCCCGA  
 CGTGTACCGCGACGAGACCTCCGTGCAGGAGTATCATGGACATAAAATTTGTGACCCGTATTCTTGGCTT  
 GAAGACCCAGACAGCGAGACACTAAGGCTTTCGTGGAGGCACAAAACAAGATTACTGTGCCATTTCTTG  
 AGCAATGTCCAATCAGAGGTTTATACAAGGAGAGAATGACTGAGCTGTACGACTACCCCAAGTACAGCTG  
 CCACTTCAAGAAAGAAAGCGGTACTTTTTATTTTTACAATACAGGTTTGCAGAACCAACCGGTGTTATAT  
 GTGCAAGACTCCTTAGAGGGGGAGGCCAGAGTGTTCCTGGACCCCAACACACTGTCCGGATGATGGTACAG  
 TGGCACTCCGAGGTTATGCCTTCAGTGAAGATGGCGAATACTTTGCCTATGGTCTGAGCGCCAGCGGCTC  
 CGACTGGGTGACGATCAAGTTCATGAAGGTCGATGGTGCCAAAGAGCTCCCGGATGTGCTGGAGAGAGTC  
 AAGTTCACCTGCATGGCCTGGACGCATGACGGGAAGGGAATGTTCTATAACTCATACCCGACGAGGACG  
 GGAAGAGCGATGGCACAGAGACATCCACCAATCTCCACCAAAAGCTCTGCTACCACGTCTTGGGACGGA  
 TCAGTCAGAAGATATTTGTGTGCTGAGTTCCTCGATGAGCCTAAATGGATGGGAGGAGCTGAGCTATCC  
 GACGATGGCCGTACGTCTTGTATCCATCTGGGAGGGATGTGATCCAGTAAACCGACTGTGGTACTGTG  
 ACCTCCAGCAAGAACCAATGGTATCACCGGAATCCTGAAGTGGGTAACACTGATAGACAACCTTTGAAGG  
 AGAATACGACTACGTAACCAACGAGGGCACAGTGTTCACATTCAAGACGAACCGCAATTCTCCCAATTAT  
 CGGCTGATCAATATCGACTTCACGGACCCTGACGAGTCCAAGTGGAAAGTGTCTGACCGGAGCAGCAGAGA  
 AGGATGTCTTAGAATGGGTGGCTTGTGTGAGTCCAACCTCCTGGTCTTGTGCTACCTCCATGACGTGAA  
 GAACATTTACAGCTTACGACCTGACGACTGGTGTCTCCTCAAGACCTTCCCCCTGGATGTGGGCAGC  
 GTGGTGGGCTACAGTGGGCGCAAGAAGGACTCTGAGATCTTCTACCAGTTCACATCTTCTATCTCCAG  
 GTGTCAATTAACCTGCGATCTTACCAAGAGGAACTGGAGCCATGGTTTTCCGAGAGGTGACGGTGAA  
 GGAATCGATGCTGCTGATTACCAGACAATCCAGATTTTCTACCCTAGCAAGGATGGCACCAAGATTCCC  
 ATGTTTTATTGTGCATAAAAAAGGCATAAAGCTGGATGGCTCACACCTGCTTTCTATATGGCTACGGGG  
 GTTCAACATCTCCATTACACCCAACACTACAGCGTGTCCAGGCTCATTTTTGTGAGACATATGGGCGCGCT  
 CCTCGCGGTGGCTAACATCAGAGCGCGGTGAATACGGAGAGACGTGGCACAAAGGTGGTATCTTGGCC  
 AACAAACAGAAGTGTGTTGATGACTTCCAGTGTGCTGCTGAGTACCTCATCAAGGAAGGTTACACATCTC  
 CCAAGAGGCTCACGATCAACGGAGGCTCCAACGGCGGCCCTTAGTAGCTGCTTGCAGCAATCAGCGTCC  
 AGACCTCTTCGGCTGTGTTATTGCCAGGTTGGAGTGTGGACATGTTGAAGTCCACAAATTTACTATC  
 GGCCATGCATGGACCACTGATTACGGGTGCTCCGACACTAAACAACACTTTGAATGGCTTCTCAAATACT  
 CGCCACTACACAATGTGAAGCTTCGGAGGCAGACGACATCCAGTACCCGTCCATGCTTCTCCTCACGGC  
 TGACCACGACGACCGGTGGTCCCGCTGCACTCACTGAAGTTCATTGCCACCCTTCAGTACATCGTGGGC  
 CGCAGCCGGAAGCAGAGCAACCCCTGCTCATCCAGTGGACACCAAGGCCGGCCACGGGCCGGGAAAC  
 CCACCGCCAAAGTGATAGAAGAAGTCTCGGATATGTTTGCCTTATAGCACGGTGCCTGAACATCGAGTG  
 GATCCAGTAAATGGGATTTCCAGTTCCTCCCACCAACACAGAAAACCTCAAGGGCTTTCACACCATCCT  
 GACCAAGAAACCACTGGGCAGAGCGCTGCCCTACGTGAGCACTGTGCCTCCGCTCACAGACAGCAAGCCG  
 CTGAGCAGAACTGCCACGGGATTTTATCTTTTCTAGGCTTCTATTTCTAGCAAGCCCTTGATGTTTTG  
 GGTTGGTTTTTTTTTCCCACTCTCCAGGCACATATCTTTAAAAGGGGAAAGGGGGGCATGTTTGTA  
 TAAGAACTAAAAGGCAGTGAACATGTTGTGAATATTAGACTCCTGAATTCGTAAGGGATCTAATAAGGT  
 CATAGTTGGGCATACCCATATATAATAGCTCAATGAAGTTACTTCTCTAACCATAGCATATAAACTAAA  
 TAAATGGGAGACCTCAAGGGAGTCTCCACTGCAATAACTAATAAATGCTATTTAAGAGTGAAAAA  
 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

**Restriction Sites:** RsrII-NotI  
**ACCN:** NM\_011156  
**Insert Size:** 2133 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).

<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>	<u><a href="#">BC012869</a></u> , <u><a href="#">AAH12869</a></u>
<b>RefSeq Size:</b>	2768 bp
<b>RefSeq ORF:</b>	2133 bp
<b>Locus ID:</b>	19072
<b>UniProt ID:</b>	<u><a href="#">Q9QUR6</a></u>
<b>Cytogenetics:</b>	10 23.27 cM
<b>Gene Summary:</b>	Cleaves peptide bonds on the C-terminal side of prolyl residues within peptides that are up to approximately 30 amino acids long.[UniProtKB/Swiss-Prot Function]