

## Product datasheet for **MC203375**

### Imp4 (NM\_178601) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Imp4 (NM\_178601) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Imp4  
**Synonyms:** AA409888; AV031295; D1Wsu40e  
**Mammalian Cell Selection:** Neomycin  
**Vector:** PCMV6-Kan/Neo (PCMV6KN)  
**E. coli Selection:** Kanamycin (25 ug/mL)

**Fully Sequenced ORF:** >BC069930  
 CTCATCATGCTCCGTCGGGAGGCTCGCCTGCGCCGCGAGTACCTGTACCGCAAAGCCCGGGAGGAGCGCG  
 AGCGATCCGTTCCAGGAGAAGAAGGAGCGAGTCAAGCGTGCTCTAGAAGAAAACCAGCTGATCCCCACCGA  
 GTTACGCCGGGAGGCTCTAGCCTTACAGGGTCCCTTGGAGTTCGATGATGCTGGTGGAGAAGGTGTAAAC  
 AGCCATGTAGATGATGAATATCGATGGGCCGGGTTGAGGATCCTAAGGTCATGATCACTACCTCCAGAG  
 ACCCTAGTTCTCGCTGAAAATGTTTGCAAAGGAACTGAAGCTGGTGTCCAGGTGCCAGCGCATGAA  
 CCGAGGTGGCATGAGGTTGGAGCACTAGTGAGAGCTTGCAAAGCCAACGGGGTCAACCGACTGTTGGTG  
 GTCCATGAGCATCGAGGCACACCCGTGGGGCTCATTGTCAGCCATCTGCCCTTCGGTCTACTGCCTATT  
 TCACACTGTGTAACGTGGTCATGCGGCACGACATCCCTGACCTGGGCACCATGTCAGAAGCCAAGCCCCA  
 CCTCATCACTCATGGCTTTTCTCACGGCTGGGCAAGCGGGTGTGGGACATCCTTCGTTACCTATCCCC  
 GTGCCAAAAGACGACAGCCATCGGGTCATCACCTTTGCAAACCAGGATGACTACATTTTCATTCGGGCACC  
 ATGTCTACAAGAAGACAGACCACCGCAATGTGGAGCTGACTGAGGTCGGGCTCGATTTGAGCTCAAGTT  
 GTATATGATTCGCTGGGCACACTGGAGCAGGAGGCCACCGCAGATGTAGAGTGGCGCTGGCACCCCTAC  
 ACCAACACCGCCCGCAAGAGGGTCTTCTGAGTGCCGAGTGAGCTGAGCTACTTGCCAGTCAGAATGCAG  
 ACTTGGAACTCTGGATCAGAGACTTGTACAGACAGATTAATACTAAGTGGAGACTGGAGGGATCT  
 AAATAACCCCTCTGTATCACGCTCCAGCTGCCTCTAACTGGTCACGGTTGGCCTACTGTCTGTGAGGA  
 CAAACCTGAAGCCACAGAGTATCTATGGGTTGAGGACCTAATGACAGTGGACTGAATAGTACCTTCAG  
 GCTGGGGTAGGGCTGCAGATCTGCACTGAAAAGTGGTTACTTTCTTCAGAGTTGGGCCCTGTGAACACTT  
 TTTTCTGTGGTTTAGGGTCAGTCTTTGTCACCAGCAGCAAGCCTACACCATTTAATTACCAGCCTAACT  
 TACAAGCAGGGGCACCCTCCTCTAACTGCGAGCTTTTCCCTCAGCCTCTTTGTTTGAAGAGATAGCGAC  
 TCTAAGACTTAATATTTTCATGAATAAACGCCTAGGCCAACAAAAAAAAAAAAAAAAA

**Restriction Sites:** RsrII-NotI  
**ACCN:** NM\_178601  
**Insert Size:** 876 bp



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<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="#">BC069930</a> , <a href="#">AAH69930</a>
<b>RefSeq Size:</b>	1385 bp
<b>RefSeq ORF:</b>	876 bp
<b>Locus ID:</b>	27993
<b>UniProt ID:</b>	<a href="#">Q8VHZ7</a>
<b>Cytogenetics:</b>	1 13.22 cM
<b>Gene Summary:</b>	Component of the 60-80S U3 small nucleolar ribonucleoprotein (U3 snoRNP). Required for the early cleavages during pre-18S ribosomal RNA processing (By similarity).[UniProtKB/Swiss-Prot Function]