

## Product datasheet for MC211837

### Mrps5 (NM\_029963) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Mrps5 (NM\_029963) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Mrps5  
**Synonyms:** 1620401116Rik; AI850294  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC211837 representing NM\_029963  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGGCGGGCGCCGTACGCGCTGCAGGCTGTCTCCCTGCATTGTGTAGCTTGCAGGCAGGTCATTTCTGT  
 CTAGGCAACTCTCTTTAAACGCCTTCCAGTAGCAGCCACTTCTTTTTGGCAGTGAAGACAGCTCTTAG  
 CCACGGCTCATTGTCATCCAGGAAACAAGGCGCAACCACTGTCTGACCAGCTTGAGCCATGTGCTACAG  
 ACACAGTGTGCTGCTTTCCCTCTCCCGCAACTGGACGGGCCAGCAGTGCCGGCCCTACAGCTTCTTACCA  
 AACTGACTGCAGAAGAGCTCTGGAAAGGCGCATTAGCAGAGACTGGAGCTGGAGCAAGAAAAGGCAGAGG  
 CAAAAGAACAAGAAAAAGAAGAGGAAGGATTTGAACAGGGGCCAGATCATTGGTGAAGGGCGCTCTGGC  
 TTCCTGTGGCCTGGTTTGAACGTTCTCTGATAAAAAGTGGGGTCTCCAGAACATCGGCCAGAGAAGCA  
 AAGAGGAGCAGCAGAAGGTGGAGGCCACCATGGTCGAGCAGCAGAGGAGTGGGACCGGAAGAGGAAGAT  
 CAAAGTTAAAAGGGAGCGCGCTGGAGTGGGAACACGTGGGGGGTGTGAGTATTGGCCCCCAGACCCG  
 GGACCCAATGGAGAAACATATGAAGACTTTGATACCAGGATTCTTGAGGTAAGAAATGTCTCAATATGA  
 CAGCAAAAGAGGGAAGAAAGAAGTCCGTCGAGTCCGTTGCTGTTGGGAATGGAAATGGAGCTGCAGG  
 TTTTGCTATTGGGAAAGCTGCTGACCGGGGAGACGCTTTCAGAAAGGCAAGAACCAGCGATTCTATTAT  
 TTGCATTACATAGAACGATACGAAGGACATACAATATTCCATGACATTTCCCTAAGATTCAAAAGGACAC  
 AGATCCGGATGAAGAAACAACCCAGAGGTTACGGCCTCCGCTGCCACAGGGCCATTATCACCATCTGCCG  
 CCTCATCGGCATCAAGGACATGTATGCGAGGGTCACCGGGTCCATGAACATGCTCAACCTCACCCGGGC  
 CTCTTCCATGGGCTTGCCCGCCAGGAAACCCACCAACATCTGGCGGATAAGAAGGGTCTCCACGTGGTGG  
 AATTCCGGGAGGAATGTGGCCCTCTGCCTATCGTGGTGGCCTCCCCACATGGGCCTTGAGTAAGGAGCC  
 GGAGCCGGAACCTGAGGTTCTGATACCAAGCTGGACTGGCAGGACGTGAAGGCCATGCAGGACTGAAG  
 CGCTCTGTGTGGTTAATTTAAAGAGGCCTGCCACCT**AA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA



<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_029963
<b>Insert Size:</b>	1299 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>	<u><a href="#">NM_029963.2</a></u> , <u><a href="#">NP_084239.1</a></u>
<b>RefSeq Size:</b>	1448 bp
<b>RefSeq ORF:</b>	1299 bp
<b>Locus ID:</b>	77721
<b>UniProt ID:</b>	<u><a href="#">Q99N87</a></u>
<b>Cytogenetics:</b>	2 F1