

## Product datasheet for MC213139

### Mab21I3 (NM\_172295) Mouse Untagged Clone

#### Product data:

Product Type: Expression Plasmids  
 Product Name: Mab21I3 (NM\_172295) Mouse Untagged Clone  
 Tag: Tag Free  
 Symbol: Mab21I3  
 Synonyms: MGC47256  
 Vector: pCMV6-Entry (PS100001)  
 E. coli Selection: Kanamycin (25 ug/mL)  
 Cell Selection: Neomycin  
 Fully Sequenced ORF: >MC213139 representing NM\_172295  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGGCAGATGAATTCTTCCATGCTGAAAGGAAAACCTGCAGTGAGCAGGCAAGAAGAAGTCAAGTCTCTG  
 GTCCACGTTACAATTCCAGAGAAGTTTTATCCAGAGAGTAACGTTGCTGGGAAAGCTACCCACCAGATT  
 TGTCTCCATCGGAAAGAAAGCAGAAGTTGCTGCTATACTGGGGTTGACCAAGAAGCCATGAAGTCT  
 TTCCAGAGGGAGACTTAGACCATTGCCTGCTGAGCAAGGTGGACCTGAGCGGCCAGCAGATTTCTCAGA  
 CCATGGAGGAGGTGCAGAAAATCATCCACCTGCTAACCACAGAAAATCAGCCGCCAGGACAGTCGTTTCGA  
 AGCCGTGCCTGTCTCTGACACACACAACGAGAGCATTAAAGTTTTGGCCCCAGCCTCTTCCATGTCACC  
 GTCCCACTGAAAGGCCTTGCAAGGTACAAGGGGTCCAGAGGCAGCGCTGGCGGTACTACAATGTGCAGG  
 GCGCCAAGCTCACCTGCCCTCTGCGGGACCCGAAGGCCGCAACAGTGGCTGGAGACTGAGATGTTTCAT  
 GAAGACCCTGTGGCAGTGGCACAAGGCAGATGTGAACATTGAGGGGGACATTGTGCCAGCCAAAGTCCCTG  
 CAGGTGTTCCGGACGCTGGTGGAAAATGCAGTGAGAACCCTGCACCTCTCAGGCAAAGTCACTGTGCTAG  
 AAAAACGCACTACGGTTTGGGTTGCCATGGAAACGTCCACAGCCAGGTGGAGCTGGCCCCCA  
 CGTGGAGATCCCCACCCTGGCCTGAGAAAGCCAGTGGCCTCGGTGTCTGAAGCGATGGCCTTCCCCA  
 GAGAGAGTGGAGTGCATCAAGTCTTTGGGTTAACTTGGTGGCCAGTCCGCCTATCACTGGCAGCTGA  
 GTTCTCCAGGCAGAGCAGGTGCTGTTTGGAGAGCTGGACGAGGATGGAGGCTGCCGAGGCAATGCTT  
 TCAGGTCTGAGGCAGCTGAAGGAGGATGTGTGGTGTCCAGGGAGGAGCCAGTCATCACCACCCACCAC  
 CTGCAGACCGTCTTCTGGACTTGTGAGAAATACCCACCTCAAGGATTGGCAGGTCTTCCATCAAG  
 CCCTCTGCGCCTCGTCCGAAGCTGCACAGGTGTGTGAGCCAGCACTTCTGAAGCACTATTTGTTC  
 AAAGAGCAACCTCCTTCAGTCAGCTAACCAAGCGAGCTGGATGCGGTGGCCAGAAAGTGGCCTTTTTTC  
 CTAAGAACCAGGTTGAGCTGCC**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA



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<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_172295
<b>Insert Size:</b>	1290 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_172295.4</a></u> , <u><a href="#">NP_758499.3</a></u>
<b>RefSeq Size:</b>	3558 bp
<b>RefSeq ORF:</b>	1290 bp
<b>Locus ID:</b>	242125
<b>UniProt ID:</b>	<u><a href="#">Q8C17</a></u>
<b>Cytogenetics:</b>	3 F2.2