

## Product datasheet for **RN206862**

### Mab21I2 (NM\_001109391) Rat Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Mab21I2 (NM\_001109391) Rat Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Mab21I2  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >RN206862 representing NM\_001109391  
 Red=Cloning site Blue=ORF Orange=Stop codon

CTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC**GGCGC**  
**GCCC**

ATGATCGCCGCTCAGGCCAAGCTGGTTTACCAGCTCAATAAATACTACACCGAGCGCTGCCAGGCGCGCA  
 AGGCTGCGATCGCCAAGACCATCCGAGAAGTCTGCAAGGTAGTGTGGATGTGCTGAAGGAAGTGAAGT  
 GCAGGAGCCGCGCTTTCATCAGCTCTGAGCGAGATTGACGCCCGCTACGAAGGGCTGGAAGTCATCTCT  
 CCCACCGAGTTCGAGGTGGTACTCTACCTCAACCAAAATGGGAGTCTTCAACTTCGTGGACGACGGATCTC  
 TGCCCGGCTGCGCAGTGCTCAAACCTAAGCGATGGGCGGAAGCGGAGCATGTCTCTTTGGGTGCGAGTTCAT  
 CACAGCGTCTGGTTACCTCTCTGCACGCAAGATCCGCTCGCGTTTCCAGACATTGGTAGCCAGGCGGGT  
 GACAAGTGCAGCTACCGGACGTGGTCAAGATGATCGCCGACACTAGCGAGGTCAAGTTGCGCATCAGGG  
 AGCGCTACGTGGTGCAAATCACCCAGCGTTCAAGTGCACCGGGATCTGGCCTCGCAGCGCGGCACAGTG  
 GCCTATGCCCCACATCCCCTGGCCCGGCCCAATCGGGTGGCGGAGGTCAAGGCCGAAGGGTTCAACTTG  
 CTCTCCAAGGAGTGTACTCGTACTGGCAAGCAGAGCTCCGCAGAAAGCGACGCTGGGTGCTGCAGT  
 TCGGTGAGGCTGAGAACCCTTGTGATGGGCGGCTGTAGAAACAAGTGCCTCTCCGTGCTGAAGACGCT  
 GCGGGACCGCCACCTGGAGCTGCCGGGCCAGCCGCTCAATAACTACCACATGAAGACGCTGCTGCTGTAC  
 GAGTGCAGAAACACCCGAGGAAACGGACTGGGACGAGGCTTGCTGGGCGACCGTCTGAACGGCATCC  
 TGCTACAGCTCATCTTTGCCTGCAATGCCGCCGCTGCCCTCACTACTTTTTGCCAACCTCGACCTCTT  
 CCAGGGCAAGCCCACTCGGCCCTGGAGAGCGCTGCCAAGCAGACCTGGAGATTGGCCAGGGAAATCCTC  
 ACCAATCCAAAAGCTTGGACAAACTA**TAG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** AscI-MluI  
**ACCN:** NM\_001109391  
**Insert Size:** 1080 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>	<u><a href="#">NM_001109391.1</a></u> , <u><a href="#">NP_001102861.1</a></u>
<b>RefSeq Size:</b>	3085 bp
<b>RefSeq ORF:</b>	1080 bp
<b>Locus ID:</b>	680102
<b>Cytogenetics:</b>	2q34