

## Product datasheet for MC212101

### 0610010K14Rik (NM\_001177601) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** 0610010K14Rik (NM\_001177601) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** 0610010K14Rik  
**Synonyms:** 1110020A23Rik; AL033328; AU045833; Bap18  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC212101 representing NM\_001177601  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGACGTCAGCGTCCACCAAGGTTGGAGAGATCTTCTCCGCGGCCGCGCCGCTTCACGAAGCTCGGGG  
 AGTTGACGATGCAGCTGCATCCAGTCTCGACTCTCCCTGCCGTTGCCAAGTGGACGGAGACGGAGAT  
 AGAGATGCTGAGGGCTGCTGTGAAGCGCTTTGGGGACGATCTTAATCACATCAGCTGTGCATCAAGGAA  
 CGGACAGTGGCTCAGATAAAGACCACTGTGAAGCGAAAAGTGTATGAAGACTCCGGCATCCCCCTCCAG  
 CTGAGTACCCAAAGAAAGGACCCAAAGAAGATGACGTCCGGTGTCTCTCACCTCCAAACGCCCTCCACC  
 CAGCAGCTCCAGTGTCCCTGAAGCTGGGGTTCTCCATAAAGAAACAGAAGGCTGATGTGACACTCAGT  
 GCTCTGAACGACTCCGACGCCAACAGTGACCTGGTGGATGTGGAAGGGCTAGGAGAACTCCTCCAGCCA  
 AGAAACTCAACTTTGACCAGGACAGCCTGACCTGGACTCTGGCCTCCTCACCACCTCCGCTGATGCTCC  
 TCTCCTCTCTGCTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001177601  
**Insert Size:** 576 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).



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<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>NM_001177601.1, NP_001171072.1</u>
<b>RefSeq Size:</b>	905 bp
<b>RefSeq ORF:</b>	576 bp
<b>Locus ID:</b>	104457
<b>UniProt ID:</b>	<u>Q9DCT6</u>
<b>Cytogenetics:</b>	11 B3
<b>Gene Summary:</b>	Component of chromatin complexes such as the MLL1/MLL and NURF complexes. [UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longer transcript and it encodes the longer protein (isoform 1).