

Product datasheet for **MC212102**

0610010K14Rik (NM_001177607) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: 0610010K14Rik (NM_001177607) 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: >MC212102 representing NM_001177607
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGACGTCAGCGTCCACCAAGGTTGGAGAGATCTTCTCCGCGCCGGCCGCCCTTCACGAAGCTCGGGG
AGTTGACGATGCAGCTGCATCCAGTCTCGGACTTCCCTGCCGGGCTCAGATAAAGACCACTGTGAA
GCGAAAAGTGTATGAAGACTCCGGCATCCCCCTCCAGCTGAGTCACCCAAGAAAGACCAAGAAGATG
ACGTCCGGTGTCTCTCACCTCCAACGCCCTCCACCCAGCAGCTCCAGTGTCCCTGAAGCTGGGGTTC
CTCCATAAAGAAACAGAAGGCTGGTGAGGGCTGTGGAGTTGCTGCC**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001177607
Insert Size: 330 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).
Components: 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).



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Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
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.

RefSeq: [NM_001177607.1](#), [NP_001171078.1](#)

RefSeq Size: 725 bp

RefSeq ORF: 330 bp

Locus ID: 104457

UniProt ID: [Q9DCT6](#)

Cytogenetics: 11 B3

Gene Summary: Component of chromatin complexes such as the MLL1/MLL and NURF complexes.

[UniProtKB/Swiss-Prot Function]

Transcript Variant: This variant (6) lacks two alternate, in-frame exons and uses a different splice site in the 3' UTR, compared to variant 1. The resulting protein (isoform 6) has a shorter and distinct C-terminus when it is compared to isoform 1.