

Product datasheet for MC212105

0610010K14Rik (NM_001177606) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: 0610010K14Rik (NM_001177606) 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: >MC212105 representing NM_001177606
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGACGTCAGCGTCCACCAAGGTTGGAGAGATCTTCTCCGCGCCGGCGCCGCTTCACGAAGCTCGGGG
 AGTTGACGATGCAGCTGCATCCAGTCTCGGACTCTCCCTGCCGGGCTCAGATAAAGACCACTGTGAA
 GCGAAAAGTGTATGAAGACTCCGGCATCCCCCTCCAGCTGAGTACCCAAGAAAGACCAAGAAGATG
 ACGTCCGGTGTCTCTCACCTCCAAACGCCCTCCACCCAGCAGTCCAGTGTCCCTGAAGCTGGGGTTC
 CTCCCATAAAGAAACAGAAGGCTGACAGCCTGACCCTGGACTCTGGCCTCTCACCACTCCGCTGATGC
 TCCTCTCTCTCTG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
ACCN: NM_001177606
Insert Size: 369 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_001177606.1](#), [NP_001171077.1](#)

RefSeq Size: 698 bp

RefSeq ORF: 369 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 (5) lacks two alternate, in-frame exons, compared to variant 1. The resulting protein (isoform 5) is shorter when it is compared to isoform 1.