

Product datasheet for **MR203077**

2210418O10Rik (BC059210) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	2210418O10Rik (BC059210) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	2210418O10Rik
Synonyms:	Gm6182
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR203077 representing BC059210 Red=Cloning site Blue=ORF Green=Tags(s)

TTTGTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**C

ATGAAAGAAGTTGTACTGCAGAGCAACCCTCTGAGTTTATTCAATGTGGTAAAGCCTTTGCATATGAGAG
 TCATAGTCAAATGCATCAAATTAACATACTGGAGAGAAACACTATGACTGTAACCAATGTGGTAAAGCT
 TTTAAAGAAGGAGTGACCTCCAAATACATAAGCGAACACATACAGGAGAGAAACCCTATGAATGTAAT
 GATGTGGTAAAGCCTTTGCAAGAAGCAGTCATCTCCGAATACATAAGCGAACACATACAGGAGAGAAACC
 CTATGAATGTAAACGATGTGGTAAAGCCTTTGCAAGAAGTGATAACCTCCAACAACATAAACGAACACAT
 ACAGGAGAGAAACCCTATGAATGTAAACAATGTGGTAAAGCCTTTTCACAAAGCAGTCATCTCCGAATAC
 ATAAGCGAATACATACAGGAGAGAAACCCTATGAATGTAAACCAATGTGGAAAAGCCTTTACAAGAAGTGG
 TGACCTCCAAAAACATAAACGAACACATACAGGAGAGAAACCCTATAATGTAAACAATGTGGTAAAGCC
 TTTGCACAAAGCAGTAATCTCCGATTACATAAGCAAACACATACAGGAGAGAGACCCTATCAATGTAAT
 AGCTTTGCAGGAAGCAGGGGTCTCCAATGCCATAAAAGATCACATACTGGAGAGACACTATATGAATGTA
 ACCAAGGTGGTAAACCCTTTGCAGGAAGGAATGACCTT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA


[View online »](#)

Protein Sequence: >MR203077 representing BC059210
 Red=Cloning site Green=Tags(s)

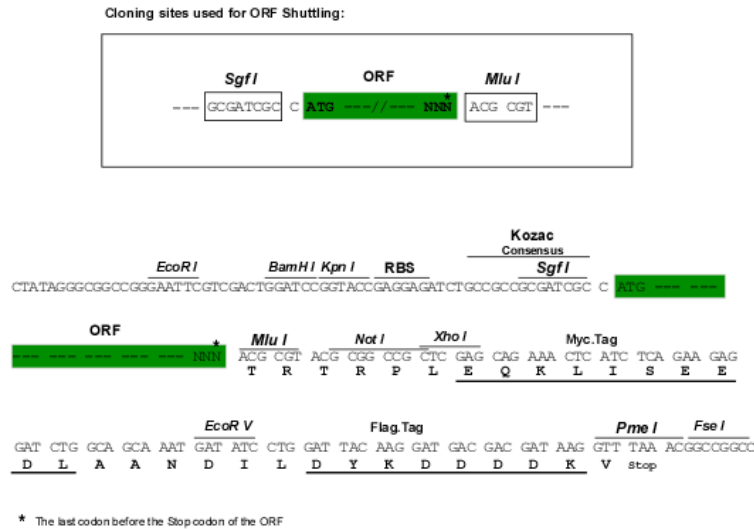
MKEVVLQSNPLSLFNVVKPLHMRVIVKCIKLNILERNMTMTVTNVVKLLKEGVTSKYISEHIQERNPMNVN
 DVVKPLQEAVISEYISEHIQERNPMNVNDVVKPLQEVITSNNINEHIQERNPMNVNVVKPFHKAVISEY
 ISEYIQERNPMNVTNVEKPLQEVVTSKNINEHIQERNPINNVNVVKPLHKAVISDYISKHIQERDPINVT
 SFAGSRGLQCHKRSHTGETLYECNQGGKPFAGRNDL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mm9062_b12.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: BC059210

ORF Size: 738 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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).

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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: BC059210

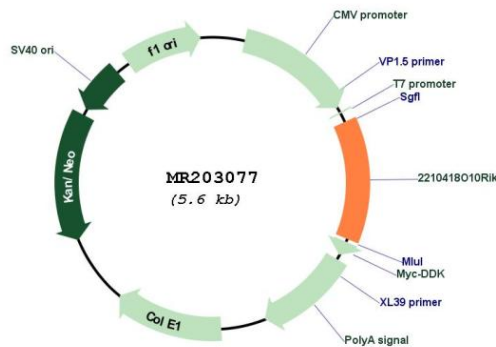
RefSeq Size: 4911 bp

RefSeq ORF: 740 bp

Locus ID: 76958

MW: 180.1 kDa

Product images:



Circular map for MR203077