

Product datasheet for **MR202608**

Prl2c3 (NM_011118) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Prl2c3 (NM_011118) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Prl2c3
Synonyms:	Ghd1; MRP-2; MRP-3; mrp/plf3; Mrpplf3; PLF-2; PLF-3; Plf2; Prl2c4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR202608 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCTCCCTTCTTTGATTCAACCATGCTCCTGGATACTGCTCCTACTACCGGTGAACAGCTCGTTATTGT
 GGAAGAATGTTGCCTCATTTCCCATGTGTGCAATGAGGAATGGTCGTTGCTTTATGTCCTTTGAAGACAC
 ATTTGAATTAGCCGGCAGTTTGTCTCATAATATCAGTATAGAAGTTTCAGAACTGTTCACTGAATCTGAA
 AACATTATTCTAACGTGTCTGGGCTCAGAGACAAAAGCCCCATGAGATGCAATACTTCTTCTCCTCCAA
 CTCCAGAAAACAAGGAACAAGCCAGGCTCACACACTATTCAGCTCTTCTGAAATCAGGAGCCATGATTTT
 GGATGCCTGGGAAAGCCCTCTGGACGATCTAGTGAGTGAATTATCTACCATAAAAAATGTCCTGATATA
 ATCATCTCCAAAGCCACAGACATAAAGAAAAAGATCAACGCAGTCCGGAACGGGGTTAATGCCCTCATGA
 GCACCATGCTTCAGAATGGAGATGAAGAAAAGAAGAACCTGCCTGGTTCTTGCAATCTGACAATGAAGA
 TGCTCGCATTCTTTTATATGGCATGATCAGCTGCCTAGACAATGACTTTAAGAAGGTTGATATTTAT
 CTAACGTCCTGAAGTGTACATGTTAAAAATAGATAACTGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA


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Protein Sequence: >MR202608 protein sequence
 Red=Cloning site Green=Tags(s)

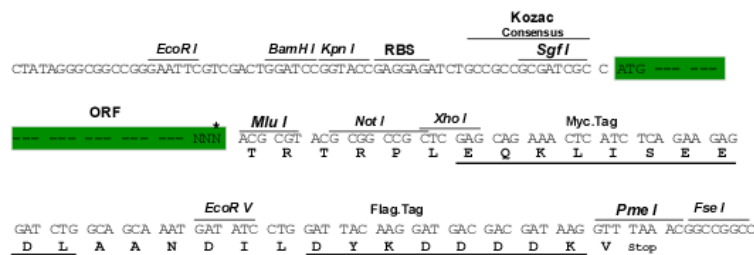
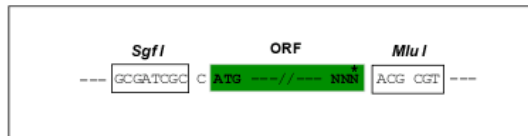
MLPSLIQPCSWILLLLPVNSSLLWKNVASFPMCAMRNGRCFMSFEDTFELAGSLSHNISIEVSELFTESE
 KHYSNVSGLRDKSPMRCNTSFLPTPENKEQARLTHYSALLKSGAMILDWESPLDDLVELSTIKNVPDI
 IISKATDIKKKINAVRNGVNALMSTMLQNGDEEKKNPAWFLQSDNEDARIHSLYGMISCLDNDFFKKVDIY
 LNLVKCYMLKIDNC

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

ACCN: NM_011118

ORF Size: 672 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: [NM_011118.1](#), [NM_011118.2](#), [NP_035248.1](#)

RefSeq Size: 868 bp

RefSeq ORF: 675 bp

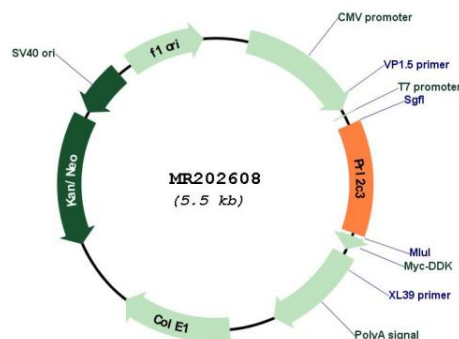
Locus ID: 18812

UniProt ID: [P04768](#)

Cytogenetics: 13 A1

MW: 25.3 kDa

Product images:



Circular map for MR202608