

Product datasheet for **MR205091**

Lrrc23 (NM_013588) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lrrc23 (NM_013588) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Lrrc23
Synonyms:	4921537K05Rik; B7; Lrpb7
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR205091 representing NM_013588 Red=Cloning site Blue=ORF Green=Tags(s)

TTTGTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGTCGGATGAAGATGATGTGGATGACGTTGATGCAGAACAGGATGAAGTGGAAAGTGACAAGGAGATAG
 AGGAATGGGAAGACTACAGGAAAGAGACAGAAGAAGCCTCTGAGGAATGGCTGCCACCCCATCACGGA
 GGCCATGATGAAGGAAGGGCTCTCATTACTCTGCAAGATTGGCAGTGGACTGGCTCACGCTTATATTAAG
 CTGGAGGCTAAGGACAGGGACCTCACAGACATCTCCTTACTGCGCTCCTATATCCATCTTCGCTATGTGG
 ATATTTCTGAGAACCATTATTACAGACATATCGCCGCTCAACAGTCTCACTCACCTCCTATGGCTCAAGGC
 CGATGGCAATCAGCTTCGGAGTGTAGGATGAATGAACCTCCCTACCTGCAGATCGCCAGCTTTTCCTAC
 AACCAGATCATAGACACTGAAGGCATCTTTCACCCCGCTCTGGGAAGCCTGGATCTCAAAGGGAACCGCA
 TCCACCAGGTGACTGGTCTGGACCCCGAGAGACTGTGAGCCTGCACACCCTGGAGCTTCGAGGGAACCA
 GCTGGAATCCACAAAGGGAATCTACCTTCCTAAGCTGAAGAATCTCTACCTGGCTCAAAACCTGCTGAAG
 AAGGTAGAGGGCTGGAGAACCTGAGCAACTTGACCACCTGCATCTGCGAGACAACAGATTGAAACTT
 TGAATGGCTTCTCCAGGAAATGAAGTCGCTGCAGTACCTCAACTTGAGGAGCAATATGATTAGTGATCT
 GGCAGAGCTGGCCAACTGCGGGACCTGCCAACTTCGAGCCCTGGTGTCTGTGGACAACCCATGTGCG
 GATGAGACCGACTACCGCCAGGAGGCCCTGGTGCAGATGGCGCACCTTGAGCGCTGGACAAAGAATTCT
 ATGAGGATGATGACCGGGCAGAGGCCGAGGAGATCCGTGAGGGCTGAAGGAGGAACAGGATCAAGATCT
 CGATCCGACCAGGACATGGAACCGTACTTGCCACCAGTT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

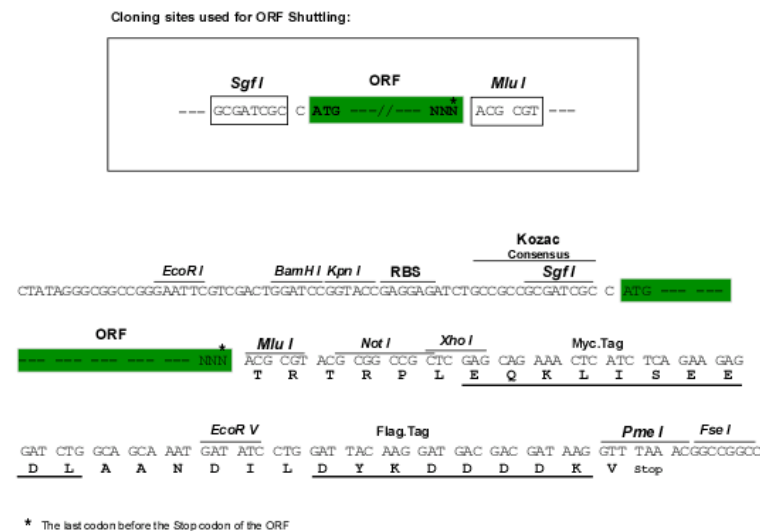
Chromatograms: https://cdn.origene.com/chromatograms/mm9075_f09.zip



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Restriction Sites: Sgfl-MluI

Cloning Scheme:



ACCN: NM 013588

ORF Size: 1020 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.

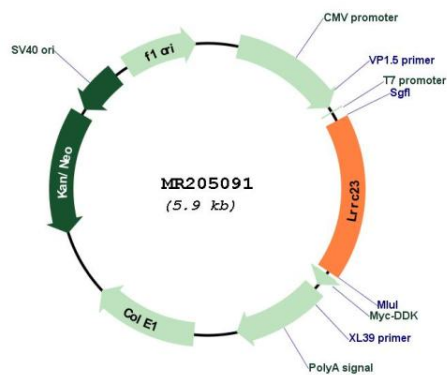
RefSeq: NM 013588.1, NP 038616.1

RefSeq Size: 1470 bp

RefSeq ORF: 1023 bp

Locus ID: 16977
 Cytogenetics: 6 59.17 cM
 MW: 39.7 kDa

Product images:



Circular map for MR205091