

Product datasheet for **RN214661**

Loxl1 (NM_001012125) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Loxl1 (NM_001012125) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Loxl1
Synonyms:	MGC105563
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN214661 representing NM_001012125
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCTCTGGCCGGAGCCGGCAGCCAGCTGGGGACCTGGTGTGGGGAGCCTGCCTGTGCGTCTCGTGC
 ACGGGCAGCAAGAGCAGCCAGGACAGGGCTCGGACCCAGGACGCTGGCGGCAGCTGATCCAGTGGGAGAA
 CAACGGGCAGGTGTACAGCTTGTCAATTCTGGGCTCTGAGTACGTGCCTGCGGGGCCCAAGAGGGGAG
 AGTAGCTCCAGGGTGTACTGGCAGGCGCGCCCAAACGTGCGAGCGGCGCAGTCAGGGAGGACCCCGGC
 GTCGGCAGGCGCCGAACCTGCCCTGCCCGGACGCGTGGGTTCTGGACTGTGCGCGGCCAAACGCGGCA
 CCCGTTCTGGCTTCGGCCAGGTGCCAGACAACCTGGAGAGAGGTGGCCGTCGGGGACAGTAACGGGATGGCT
 CGGGCCCGCACCTCCGCTCTCCAGCAACGGCACGGGGCTCCGCTCCTCCTCGGTTTCGGCTCGGCT
 TCGCCACCACTTATCGCCAGCCATCCTCTACCCGAGCAGTTCCTATCCGAGGCGCCCTTCGTGAA
 CCAATATGAGAACTATGACCCCGCTGCGGACCTATGAACAGGGCTACGTGTACTACCGGGTGGGGC
 GGAGGCATGGGCGCAGGGGCGGCGGCGCAGCTGAGCCTCGGCTGGGGTCATCTATCCCTCCAGCCCC
 GGGCACGCTACGAGGAGTACGGCGGTGGGGGCGAGGAACAGCCCGAGTACCCGGCGCAGGGCTTCTACCC
 AGCCCCAGAGAGGCCCTATGCGCCCCAGCCCCAGCCTCAGCCCCAACCTCAGCCGAGCCTCAGCCCCAA
 CCTTCCGACGGCCTTGACCGTCTTACTCGCATAGCCTGTACAATGAAGGCACCCCGGGATTTCGAGCAGG
 CCTACCCTGATCCCAGCACCGACGTGTCGCAGATCCCCGCCGGGGCCGGTGGCACCTACGGTGGCGCTGG
 CGATCCCCGTCTCGGCTGGTACCCGCCCTATGCAGCCAATGTGCCTCCGAGGCCATGTCCCTCCGCT
 GCGGTGGAGCCGACGCCCATTCGCGTGTGGAACCACTTACTTGCCTGTGCGAAACTCTGATGCGC
 CCTCCCAGGGTGGGAGAGGAACGGTGCCAGCAGGGCCGTCTCAGCGTGGGTAGTGTACCGACCTAA
 CCAGAATGGTTCGCGGCCCTCCCTGACTTAGTCCCAGATCCCAACTACGTGCAGGCATCCACATATGTGCAG
 AGAGCCCATCTGTATTCTTGCCTGTGCGGCAGAGGAGAAGTGCCTGGCCAGCACAGCCTATGCTCCTG
 AGGCCACCGACTATGACCTCCGAGTGTGTACGATTCCCCAGCGTGTGAAAAACAGGGCACGGCGGA
 CTTCTCCCCAACCGGCCACGCCACCTGGGAGTGGCATAGCTGTACCAACATTACCACAGCATGGAC
 GAGTTCAGCCACTATGACCTACTTGTGATGCCACGGGCAAGAAAGTTGCCGAGGGACACAAGGCCAGCT
 TTTGCCTGGAGGACAGCACCTGTGACTTCGGCAACCTCAAGCGCTATGCGTGCACCTCACACACGAGGG
 CCTGAGTCCAGGCTGCTATGACACCTACAATGCGGACATCGACTGCCAGTGGATGCATAACAGATGTG
 CAGCCTGGAACTACATCCTCAAGGTGCAGTGAACCCCAAGTACATTGTTCTGGAGTCTGACTTACCA
 ACAACGTGGTGTAGATGCAACATCCACTACACAGTTCGCTCTCTACAACAACTGCAAAATCGTCCA
 GTCCTGA

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-RsrII
- ACCN:** NM_001012125
- Insert Size:** 1827 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).

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_001012125.1, NP_001012125.1

RefSeq Size: 2491 bp

RefSeq ORF: 1827 bp

Locus ID: 315714

Cytogenetics: 8q24