

Product datasheet for **MC220655**

Loxl4 (NM_001164311) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Loxl4 (NM_001164311) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Loxl4
Synonyms:	4833426I20Rik; Loxc
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC220655 representing NM_001164311
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**C

ATGATGTGGCCCCAACCCACCTTCTCCCTGTCTCTGCTACTGCTGCTAAGCCAAGCCCCCTTCAGCA
 GGCCACAGTCATCAGGCACCAAGAAGCTCAGGCTTGTGGGGCCAACGGACAGACCAGAGGAGGGCCGCTT
 GGAGGTGCTGCACCAGGGCCAGTGGGGCACGGTGTGTGATGATGACTTCGCTCTCCAGGAGGCTACTGTG
 GCCTGCCGACAGCTGGGCTTTGAGTCAGCCTTGACCTGGGCACACAGTGCCAAGTATGGTCAAGGAGAGG
 GTCCCATCTGGCTGGACAATGTTCTGTTGTTGGGCACCGAGAAGACCCTAGATCAGTGTGGCTCTAACGG
 CTGGGGTGTGAGTACTGCAGACACTCAGAAGATGTTGGGTGGTATGTCACCCACGGCGCCAGCACGGA
 TACTACTCTGAGAAGGTCTCAATGCCCTCGGGCCTCAGGGCCGGCGCTAGAAGAGGTACGGTACGACGGCCA
 CCATCCTCGCCAGTGCCAAAAGGCACAGCCAGTACTGAGGGGGCTGTGGAAGTACGGTACGACGGCCA
 CTGGAGGCAGGTGTGTGACCAGGGCTGGACCATGAACAACAGCAGGGTTGTATGCGGGATGCTGGGCTTT
 CCCAGTCAGACATCTGTCAACAGCCACTACTACAGAAAAGTCTGGAATCTGAAGATGAAGGATCCCAAGT
 CTAGGCTCAACAGCCTGACAAAAAGAATTCTTCTGGATTACCGGGTTGACTGTCTGGGGACAGAGCC
 CCATTGGCCAAGTGCCAGGTACAGGTGGCTCCAGGAAGGGGCAAGCTTCGGCCAGCCTGTCCAGGCGGC
 ATGCACGCTGTGGTCAGCTGTGTGGCAGGGCCCCACTTCGCCGACAGAACGCCAAGCCGACGCGCAAGG
 AGTCCCATGCAGAGCAGGAGCTGAAAGTGCCTGCGCTCTGGGGCTCAGGTGGGTGAGGGCCGTGTGGA
 AGTGCTCATGAACCGCCAGTGGGGCACAGTCTGTGACCACAGGTGGAACCTCATCTCAGCCAGCGTCGTG
 TGTGCGCAGCTTGGCTTTGGCTCTGCCCGGGAGGCCCTTTTGGGGCCAGTTGGGTCAAGGGCTAGGAC
 CCATCCACCTGAGTGAGGTGCGCTGCCGGGGTATGAGCGGACCTGGGTGACTGCCTTGCCTGGAAGG
 GTCCCAGAATGGTTGTCAACATGCAACAGCAGCTGCTGTGAGGTGCAACATCCCAGACATGGGCTTCCAG
 AACAAAGGTGCGCTTGGCTGGTGGCGCAACTCCGAAGAGGGAGTGGTGGAGGTGACAGGTGGAGGTGAATG
 GGGTCCCACGATGGGGGACTGTATGCAGTGACCACTGGGGGCTCACCGAAGCCATGGTGACCTGTCCGCA
 ACTTGGTCTGGGATTTGCCAACTTTGCTCTCAAGGACACCTGGTACTGGCAGGGGACACCAGAGGCCAAA
 GAAGTGGTGATGAGTGGAGTTCGCTGCTCAGGCACAGAAATGGCCCTGCAGCAGTGTGAGAGACATGGGC
 CCGTGCACTGTTCCACGGCCCAGGGCGCTTCTCGGCTGGCGTTGCCTGTATGAACAGTGCTCCAGACCT
 CGTGATGAACGCCAGCTGGTACAAGAGACGGCGTACTTGGAGGATCGTCCACTCAGCATGCTGTACTGT
 GCTCACGAGGAAAAGTGCCTTTCCAAGTCCGCTGATCACATGGACTGGCCCTACGGGTACCGGCGCTTGC
 TGCCTTCTCCTCACAGATCTACAACCTTGGCCGGGCGGACTTCCGTCCCAAGGCTGGACGCCACAGCTG
 GATTTGGCACCAGTGCCACAGGCACTACCAACAGCATCGAAGTCTTCACTATTATGACCTGCTCACGCTC
 AATGGCTCCAAGGTGGCCGAGGGACACAAGGCCAGCTTCTGTCTAGAAGATACAACTGCCCTCAGGAG
 TGCAGCGGCGCTATGCATGTGCCAACTTTGGGGAACAGGGAGTGGCTGTAGGCTGCTGGGACACCTACCG
 GCATGACATCGATTGCCAGTGGGTGGATATCACAGATGTGGGTCCAGGGGACTATATCTCCAGGTGGTT
 GTGAACCCACAAACGATGTTGCAGAGTCCGATTTCTCCAATAACATGATACGGTGCCGCTGCAAGTATG
 ATGGACAGCGAGTCTGGTTGCACAACTGCCACACAGGAGATTCTACCGAGCCAATGCAGAGCTCTCCCT
 GGAGCAGGAACAGCGACTCAGGAACAATTGAT**CTGA**

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001164311

Insert Size: 2277 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_001164311.1, NP_001157783.1</u>
RefSeq Size:	5447 bp
RefSeq ORF:	2277 bp
Locus ID:	67573
Cytogenetics:	19 C3
Gene Summary:	May modulate the formation of a collagenous extracellular matrix.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.