

Product datasheet for **MC220551**

Lekr1 (NM_001166659) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lekr1 (NM_001166659) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Lekr1
Synonyms:	EG546798; EG624866; Gm6534
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC220551 representing NM_001166659
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGATCGTCACATTCCCATGCATGCCTTACCTGAAGAAATCCAAAAGATGTCTCCTGAAGAAACAGTTT
 GTAAATACTGTGGCGTCAGCTATCTAATTCTTCATGAATTTAAGGCTATGGAAGAAAACTGAAAGCAGT
 GCAAGAAGAAATGAAATTTTATCAAGGAAGTGTAGAACGTGAAAAAGAACTTCAAGAAAAGCTGCAGTCT
 CTTAGCCAGGAGTTTGAACAGTATAAAAGTGACAGCGAGTCCAAGAAGGCAAGAGTTGAAGATGCAAGCA
 TACAGTTAAAAAGCAACAAAATGGATTTTCAAGAGTACAGAAAGAAATTAGGTCTCTACAACCTTGAGTT
 AAAAATTAACAAAAACAATCCCAAGTCTTCAGTCAAAGATTGTCAGAATACAAATACTTCTGGAATAAG
 ACTCTTTTATTACTTACTTTTACTAAAAGGGAATAACAAGTATTAATATGAAATATATGATAATTTTC
 AAAACTGGACTTCACTGAAAGGAGAAGTTTTTCTACAAATTAATCTATAAGTGATACAGCTTTGCGAGA
 GATAGATATGTTAAATAAAAGTCTGACAGTGTCCAGAGAAATAAGGTATGCCTGGAAGAGGAAATGAAA
 AGTCTCAAATTTGTGTCGGATGCAGCCATATTGAGGTCTCAGCAGATGGAGGCATCCAAACAGCATGAAG
 TGAACCTGCAAGCCAGGTGCTATGAGCTGCAGAAGGAAGCACTAGATTTACAGTGTCAAGTAGAGGCACT
 TGGGTTGAGACTTCAGAAGACAGCAAGGAGCTGGACAACCTGTAAGGAGATGCTCATGAAAAATCTAAT
 GATGCTGAAAGCTGTGAAAGAGAACTTAGAAAACTGAAGTTTGAGTCCATTATCTCTGAGTCAAGGCACA
 AAAGGCTACTTAAAGAAAAAGAAGACTCTTTAATTACTTGCCAACAACATATAAAACCGTACAGGAAGA
 GCTGACAACAAAAAGAAAGACAAGAGGAAGATATAAACCGGAGAATCAACCTCACAGAAAAAGAACTAGAG
 ATGACTAAATCTCTCTGCTTCAGACACAGGAAGAAATTTAACACTGAAAAATGAAAGGGAATTGATGC
 TGGCGGGAGAAGATTGAAGCTGAGCTCAGCAAGGAAAGAGCCCGGCATCTCATTGAGTTCCAGGATCAA
 GCTCTTCTCTTTAAGGAGGAAGCTAAACTGGAACCTTGACATTGAAAAAGAAAAGCACCAGGAAATATCC
 GGAAGTATCAGCAAGAACATGAGGACCTGCAGAGGAAGATAGGTGACCTAATCGCAGATGCTACAAAGGA
 CCTGAGGCTGGAAGTGGCCTCTCTCCAAGAAAACTGCATGAATCCCATGCACAATACACAGAAGAGTCT
 GAATCGAAGAAAAAGAAATGAAGACCTGAAAAATCTGGTAGCAGAATTCCAGTGTGTTTGAACAGG
 AAAGTAAAGCTGGCCAGACACAGCTGCTGCAGCAGTTCAAGCAGTACAGGAAGAGAACACTTTTCTC
 CAGGAAACCGTGCGCAGAGAGTGTGAAGAACGCTTTGAACTAACGGAGGCTTTGAGTCAAGCCAAAGAAC
 AGCTCCTGGAGCTCAGGAGGAGCGGAGGAACTTACCGTGTCCCTCAATAAGGGCACCTAACCTACCC
 TGCTCGGCAGTCAGTAATCACCGCGAGCTAAGCAGTGGGAGACAGAAGTGTGGACGAGGACCGGCACG
 CCCAGCCTGCGTGGACTGCCAAACCCACAGCTTCCCCGACCCAGATAAGCTCAAGAAGGTGAGCAGCT
 CGGGACTGCCTGCCCTTTCCAGGCATATCCTCCAGGGGCCGAGCAATTCAGTAAACGAGGCCAGGCA
 GAGGTTGACAGCCATCCTTCGACGAGGTTGAGTCAGCAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001166659

Insert Size: 2073 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: NM_001166659.1, NP_001160131.1

RefSeq Size: 2201 bp

RefSeq ORF: 2073 bp

Locus ID: 624866

Cytogenetics: 3 E1