

Product datasheet for **MC220527**

LnX2 (NM_080795) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	LnX2 (NM_080795) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	LnX2
Synonyms:	9630046H24; AW209022
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC220527 representing NM_080795
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGAACAACCACTGACGAGATGGTGCCCGTGGAGCAGGCCCTCCTCGACCTCCTCCCTAGATCCCCTGT
 GCTTCGAGTGCAGCCAGCAGCACTGGGCGAGAGAAAACCACTGTATAACTACCAGGGGAGGTGGACGA
 CGACCTCGTGTGCCACATTTGCCTCCAGCCCTGCTCCAGCCGCTCGACACGCCCTGCGGACACAGTTCC
 TGCCACAAGTGCCTCAGAACTTCTGCAGGAGAAGGATTTCTGCCCGCTGGACCGCAAGCGGCTTCATT
 TCAAGCTGTGTAAGAAGTCTAGCATCCTGGTCCACAAGCTGTGGACAACTGCTGGTCTGTGTCCGTT
 CTCTCCCGTGTGCCAAGATGTGATGCAGCGCTGTGACCTAGAGGCACATCTTAAAAACAGGTGCTCTGGA
 GCCTCTCACCGGAGAGTCGATCTAGAGAGAAGGAAAACGAGTCAAACCAACACAGATTGAGGGTGAAA
 CTGGATCTACTGTATAGATCCTCCAGGCACCTTGCCCCAGAAACGGACTGCTCGGGCACCGTGCCTGG
 CGAGAGGAACCTGACACCAGCATCTTCTGTGTGGACCGAGGAGCCTGGCCTGGACAACCCCGCCTTC
 GAGGAGAGCGCTCGAGCTGACTCTGTACAGCAGCCGTTAGTTTACCAGAAGGAGAGATCACCAACATTG
 AGATCCACCGCTTAACCCGTACATCCAGTTAGGAATCAGCATCGTGGGCGGCAACGAGACCACTGAT
 CAACATCGTCACTCAGGAAGTCTACCGGACGGGGTCAATCGCCAGAGATGGAAGGCTCCTTGCCGGAGAC
 CAGATTCTCCAGGTCAACAACATGACATCAGCAACGTGTCCACAACCAACCGCCCGGGCGTGTCTTCCC
 AGCCCTGCAGCACGCTGCAGCTGACAGTGTGCGGGAGAGGGCGTTTGGCAGCCGTGCCAACAGCCACGC
 GGACGGCAGCGCCACGGGACGAGGTCTTCCAGGTGTGCTCCACAAGCGAGACTCGACAGAGCAGCTC
 GGCATTAACCTAGTCCGAAGGACAGATGAGCCGGCGTTTTATTCTTACCTCCTGGAAGGGGGCTGG
 CAGCACAGGACGGCAGGCTCAACAGCAATGACCCGGTGTGGCCATCAACGGGCATGACCTGAAGCATGG
 GACCCCGAGAGCTCGCTGCCAGATTATTACAGCCAGTGGAGAGAGGGTGAACCTTAAACATTGCCAGACCA
 GGAAGCCCGAGCCAGCAATGGCAGCCGTGAGGCGGAGCACACAGCAGCAACCAACGCTCAGCCAC
 CCTCGCACAGCCGACCGGCTCACACAAGGACCTCACCCGGTGCCTCACGTGCCAGGAGAAGCACATCAC
 TGTAAAGAAGGAGCCGCATGAATCCCTCGGGATGACGGTTGTGGGGCAGAGGGAGCAAGAGTGGTGAG
 CTGCCATCTTTGTGACCAGCGTCCACCCACGGTGCCTCGCTCGAGACGGCAGGATCAAGAGAGGTG
 ACGTGTGCTGAACATCAACGGCATTGACCTGACCAACCTAAGTCACAGCGAGGCTGTGGCCATGCTGAA
 AGCCAGCGCTGCGTCTCCGGCCGTATCCTCAAGGCCCTGGAAGTGCAGATCGCCGAGGAAGCAGCCAG
 GCCACCGAGGAGCAGCCAGCGCCTTCAGTGAGAACGAGTACGACGCCAGCTGGTCCCCGTCTGGGTCA
 TGTGGCTCGGGTGCACAGTGCCTTACAGTGTGACGACATCGTCTTACGCAGAACTACTTGGGAAG
 CTGGGGCTTACAGCATCGTGGGTGGTACGAAGAGAACCACCAATCAGCCCTTCTTATTAAGACCATC
 GTCTTAGGAACCCCTGCTTACTATGACGGAAGATTAAGTGTGGAGACATGATCGTAGCAGTAAACGGCC
 TGTGACTGTGGGCATGAGTCACTCTGCTCTGGTGCCCATGTTGAAAGAACAGAGGAACAAGGTCACGCT
 GACGGTCACTGCTGGCCAGGCAGCCTCGTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_080795
- Insert Size:** 2064 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_080795.4](#), [NP_542985.4](#)

RefSeq Size: 4543 bp

RefSeq ORF: 2064 bp

Locus ID: 140887

UniProt ID: [Q91XL2](#)

Cytogenetics: 5 G3