

Product datasheet for **MC219803**

Lnx1 (NM_010727) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lnx1 (NM_010727) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Lnx1
Synonyms:	Lnx
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC219803 representing NM_010727
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAAGGCGCTGCTGCTTCTGGTCTGCCTGGCTGAGTCCAGCTAACTACATTGACAATGTGGCAACC
 TGCACTTCTGTACTCGGAACCTGCAAAGGGCCTCCCACTATGGCCTGACCAAGGACAGGAAAAGCG
 CTCTCAAGATGGCTGCTGATGGTTGCGCCAGCCTCATGGCAACGACGCTCTCCCCAGAGGTTTCTGCA
 GCCGCCACCATCTCTTTAATGACAGATGAGCCTGGCCTAGACAACCTGCCTACGTGCTCTCGTGGAGG
 ATGGTGAGCCAGTAGCCAACCTCAGACTCTGGCCGGAGCAACCGGACTAGGGCACGGCCCTTTGAGCG
 CTCCACTATGAGAAGCCGGTCTTTCAAGAAGATCAACCGAGCTCTAAGTGCTCTCCGGAGGACGAAGAGC
 GGGAGTGTGTTGCCAACATGTTGACCAGGGCAGGGACAACCTGAGAACACCACTGTCCCGAAGTCT
 TCCAAGTTGTTTACCTGATCCAGATGGTAAATACAAGCATCAAATCAACAGAGCGGATCCAG
 CGAAAGCCTCTCCATAAGGCTGGTGGGGGCGAGGAGACGCCGCTGGTCCACATCATCCAGCATATT
 TATCGCGATGGAGTGATTGCCAGAGATGGACGGCTGCTGCCAGGAGACATCATTCTCAAGGTCAACGGCA
 TGGACATCAGCAATGTCCCTCATAACTATGCCGTGCGGCTCCTGCGGCAGCCCTGCCAGGTGCTGCGGCT
 AACGGTGTGCGGGAGCAGAAGTTCCGTAGCAGAAGCAATGCGCACGTGCCGGACTCCTATGGACCTCGG
 GATGACAGCTTCCATGTAATCTCAACAAAAGCAGCCCGAGGAGCAGCTTGGCATAAAGCTGGTGGCC
 GGGTGGATGAGCCCGCGTGTTTCATCTCAACGTGCTAAATGGGGTGTGCGCGACCGACACGGCCAGCT
 GGAGGAGAATGACCGTGTGCTGGCCATCAACGGCATGACCTTCGATTTGGCAGTCCAGAGAGTGACGCT
 CATCTGATTCAGGCCAGTAAAAGACGCGTCCATCTCGTCGTGTCCCGCCAGGTTCCAGAGTCCAGCCAG
 ACATCTTTCAAGAAGCTGGCTGGATCAGCAATGGCCAGCAATCCCAGGCCAGGAGAGAGGAACACAGC
 TTCTAAGCCTGCAGCCACCTGTGATGAGAAGTTGTAAGTGCTGGAAAAGACCCAGCGAGTCTCTCGGC
 ATGACCGTGGAGGGGAGCATCCACAGGGAATGGGACTTGCCCATCTATGTCATCAGTGTGAACCCG
 GCGGAGTCATAAGCAGAGACGGGAGAATAAAAAACAGGTGACATTTTATTGAATGTGAATGGGATTGAGCT
 CACAGAGGTCAGCCGGACAGAGGCCGTTGCCATACTGAAGAGCGCACCCCTCCTCAGTGGTACTCAAAGCC
 TTGGAAGTCAAGGAACAGGAGGCCAGGAAGACTGCAGCCAGCAGCCCTGGACTCCAACCACAACGTGA
 CCCCCTGGTACTGGTCCCCATCTGGGTATGTGGCTGGAATTACCACAGTACTTATGTAACGTAA
 AGATGTGATACTGCGAAGGAACACAGCTGGAAGCCTGGGCTTCTGCATTGTGGGAGTTATGAAGATAAC
 AGTGGGAACAACCTTTTTTTATCAAGTCCATTGTTGAAGGAACACCTGCATACAATGACGGAAGATCA
 GATGTGGTGACATTCTTCTCGCTGTCAACGGTAGAAGTACATCGGGTATGATACAGCTTGCCTGGCCAG
 GATGCTCAAGGAACCTAAAGGGAGAATTACTCTGACCATTGCTTCTGGCCTGGTACTTTTTTATA**AA**

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-RsrII
- ACCN:** NM_010727
- Insert Size:** 1887 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:	<ol style="list-style-type: none">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_010727.4 , NP_034857.3
RefSeq Size:	2726 bp
RefSeq ORF:	1887 bp
Locus ID:	16924
UniProt ID:	O70263
Cytogenetics:	5 C3.3
Gene Summary:	<p>E3 ubiquitin-protein ligase that mediates ubiquitination and subsequent proteasomal degradation of NUMB. E3 ubiquitin ligases accept ubiquitin from an E2 ubiquitin-conjugating enzyme in the form of a thioester and then directly transfers the ubiquitin to targeted substrates. Mediates ubiquitination of isoform p66 and isoform p72 of NUMB, but not that of isoform p71 or isoform p65.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR, 3' UTR and coding region, compared to variant 1. These differences cause translation initiation at a downstream AUG and result in an isoform (2) with a shorter N-terminus compared to isoform 1. Variants 2 and 4 encode the same isoform.</p>