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Product datasheet for MC219054

Lnx1 (NM_001159578) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lnx1 (NM_001159578) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Lnx1
Synonyms:	Lnx
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF:

>MC219054 representing NM_001159578
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCAACGACGCTCTCCCCAGAGGTTTCTGCAGCCGCCACCATCTCTTTAATGACAGATGAGCCTGGCC
TAGACAACCCTGCCTACGTGTCCTCGGTGGAGGATGGTGAGCCAGTAGCCAACTCCTCAGACTCTGGCCG
GAGCAACCGGACTAGGGCACGGCCCTTTGAGCGCTCCACTATGAGAAGCCGGTCTTTCAAGAAGATCAAC
CGAGCTCTAAGTGCTCTCCGGAGGACGAAGAGCGGGAGTGTCGTTGCCAACCATGTTGACCAGGGCAGGG
ACAACTCTGAGAACACCACTGTCCCCGAAGTCTTCCCAAGGTTGTTTCACCTGATTCCAGATGGTGAAAT
TACAAGCATCAAAATCAACAGAGCGGATCCCAGCGAAAGCCTCTCCATAAGGCTGGTGGGGGGCAGCGAG
ACGCCGCTGGTCCACATCATCATCCAGCATATTTATCGCGATGGAGTGATTGCCAGAGATGGACGGCTGC
TGCCAGGAGACATCATTCTCAAGGTCAACGGCATGGACATCAGCAATGTCCCTCATAACTATGCCGTGCG
GCTCCTGCGGCAGCCCTGCCAGGTGCTGCGGCTAACGGTGCTGCGGGAGCAGAAGTTCCGTAGCAGAAGC
AATGCGCACGTGCCGGACTCCTATGGACCTCGGGATGACAGCTTCCATGTAATCCTCAACAAAAGCAGCC
CCGAGGAGCAGCTTGGCATAAAGCTGGTGCGCCGGGTGGATGAGCCCGGCGTGTTCATCTTCAACGTGCT
AAATGGGGGTGTCGCCGACCGACACGGCCAGCTGGAGGAGAATGACCGTGTGCTGGCCATCAACGGGCAT
GACCTTCGATTTGGCAGTCCAGAGAGTGCAGCTCATCTGATTCAGGCCAGTGAAAGACGCGTCCATCTCG
TCGTGTCCCGCCAGGTTCGACAGTCCAGCCCAGACATCTTTCAAGAAGCTGGCTGGATCAGCAATGGCCA
GCAATCCCCAGGCCCAGGAGAGAGGAACACAGCTTCTAAGCCTGCAGCCACCTGTCATGAGAAGGTTGTA
AGTGTCTGGAAAGACCCCAGCGAGTCTCTCGGCATGACCGTCGGAGGGGGAGCATCCCACAGGGAATGGG
ACTTGCCCATCTATGTCATCAGTGTTGAACCCGGCGGAGTCATAAGCAGAGACGGGAGAATAAAAACAGG
TGACATTTTATTGAATGTGAATGGGATTGAGCTCACAGAGGTCAGCCGGACAGAGGCCGTTGCCATACTG
AAGAGCGCACCCTCCTCAGTGGTACTCAAAGCCTTGGAAGTCAAGGAACAGGAGGCCCAGGAAGACTGCA
GCCCAGCAGCCCTGGACTCCAACCACAACGTGACCCCGCCTGGTGACTGGTCCCCATCCTGGGTCATGTG
GCTGGAATTACCACAGTACTTATGTAACTGTAAAGATGTGATACTGCGAAGGAACACAGCTGGAAGCCTG
GGCTTCTGCATTGTGGGAGGTTATGAAGAATACAGTGGGAACAAACCTTTTTTTATCAAGTCCATTGTTG
AAGGAACACCTGCATACAATGACGGAAGAATCAGATGTGGTGACATTCTTCTCGCTGTCAACGGTAGAAG
TACATCGGGTATGATACACGCTTGCCTGGCCAGGATGCTCAAGGAACTTAAAGGGAGAATTACTCTGACC
ATTGCTTCTTGGCCTGGTACTTTTTTATAA

AGCGGACCGACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII

ACCN: NM_001159578

Insert Size: 1710 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_001159578.1, NP_001153050.1
RefSeq Size:	3098 bp
RefSeq ORF:	1710 bp
Locus ID:	16924
UniProt ID:	O70263
Cytogenetics:	5 C3.3
Gene Summary:	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] Transcript Variant: This variant (3) 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 (3) with a shorter N-terminus compared to isoform 1. Variants 3 and 6 both encode the same isoform (3).