

Product datasheet for **SC101277**

LNX2 (NM_153371) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	LNX2 (NM_153371) Human Untagged Clone
Tag:	Tag Free
Symbol:	LNX2
Synonyms:	PDZRN1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene ORF within SC101277 sequence for NM_153371 edited (data generated by NextGen Sequencing)

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ATGGGAACAACAAGTGATGAGATGGTGTCTGTGGAACAGACCTCCTCCTTCTCTAAAC
CCCCTGTGTTTTGAATGTGGCCAAACAGCACTGGACAAGAGAAAACCATTTGTACAATTAC
CAGAATGAAGTGGATGATGACCTAGTCTGCCATATTTGCCTTCAACCTCTGCTGCAGCCA
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AAAGATTTCTGTCCGTTGGACCGAAAAGACTTCATTTTAAGTTGTGCAAGAAGTCTAGT
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CAACAGCCACTTAGTTTACCAGAAGGAGAAATCACCACGATTGAAATTCATCGGTCCAAT
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TATGATGGAAGATTAAAGTGTGGTGACATGATTGTGGCCGTAATGGGCTGTCAACCGTG
GGCATGAGCCACTCTGCACTAGTTCCCATGTTGAAGGAGCAGAGGAACAAAGTCACTCTG
ACCGTTATTTGTTGGCCTGGCAGCCTTGTATAG

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Clone variation with respect to NM_153371.3

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_153371 unedited
TATACGACTCCTATAGGGCGGCCGCGATTTCGGCACGAGGCGGCGGCGGCGGCGATTCTG
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GAGGGANACTAGTAGAACTCAAGCAGAGATTGAGAATGAAAATGGGCCACTCTACTAGA
TCCTGCAGGTACCTTATCTNCAGAAGCAGACTGGTTGGGGACAGGCGCAGTGCCTGTGGA
GCGGCACTTGACATCAGCGTCTCTTTCACATGGAGTGAGGAGCCTGGCCTTGACAACCT
GCCTTTNGAGAGAGCGCTGGAGCTGACACACACAAT

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_153371 unedited
NAAAATTGGGGTNATAAACTTCCCGGTTTGATTAAAACCACTTTTAANACATCTGAA
AAATCCTGAAATAATTTAACTGAAGGCACAGAACAAACCAAAATATTTAACTATCAGAA
CTAAAAATGAGAAAATCCAAATAGTTCTATAGTAACAATAAATTATGAACAAGTTTCCGT
CACCAAAATATCACTCTGACCAAAAATGACTGTTTTTTGTTATAAAAGCTACAGCTTAAGC
TGATTCCAAGATTTCTATAAAAAATGAGAGTGAAGAAATTTCTTCTTTCAAAATACTCATT
ATGCCACCAGGTTCAATGTAAGTATTTGTATATAACAAAGTAGCAGTCAGGATATTTGT
TGATGGATGGCTACTCCCAAGAAATGACACATTTCTACAACTTTAAAAAATAGCAAA
GTTGGTTACAAAATTTCTATTTGGGGAGCAGGGAACCACTTTGTTCCATGTCAATTAGAAT
ATCAAAGCATTTCAAAATCAAACTGCTTCCAAAGCCAATCATCACACAACAGTAATATAC
TGATGGGCCATTCCACTGTATCTTGTATATGTTGATCATACAGTGAACCTAAGGGGTT
GAACAAGTCAGTAGCAATGATTGTTGCTGTATCTTATTCCAAATAGATATGTTTTTAA
AATCATTATAAACTAACTGAAATAATCAGTGACATGCTACAGATACAATAAACCCAGC
AATACAATTGCTTAGTTTCAAAATAAAGTGGTCATGCTTCATAATATATTGACTGGAGT
ATTCTGAAAACATTCTCTGATTATCATACCCATTATTACAGAGGTCCTTGTAATTTGTC
CAATTCTGAACAAGTTTCTAAAGAAATTTTTCAAGTTGTTAAATTAATAAGGAG

Restriction Sites:

NotI-NotI

ACCN:

NM_153371

Insert Size:

4700 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_153371.2](#), [NP_699202.1](#)

RefSeq Size: 4718 bp

RefSeq ORF: 2073 bp

Locus ID: 222484

UniProt ID: [Q8N448](#)

Cytogenetics: 13q12.2

Domains: PDZ, RING

Protein Families: Druggable Genome