

Product datasheet for **SC314557**

LNX1 (AK056823) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	LNX1 (AK056823) Human Untagged Clone
Tag:	Tag Free
Symbol:	LNX1
Synonyms:	LNX; MPDZ; PDZRN2
Vector:	<u>pCMV6 series</u>



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Fully Sequenced ORF: >NCBI ORF sequence for AK056823, the custom clone sequence may differ by one or more nucleotides

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ATGAACCAGCCAGAGTCTGCCAACGATCCTGAACCCCTGTGTGCAGTGTGTGGCCAAGCC
CACTCCTTGGAGGAAAACCACTTCTACAGCTATCCAGAGGAAGTGGATGATGACCTCATC
TGCCACATCTGCCTGCAGGCTTTGCTGGACCCCTGGACACTCCGTGTGGACACACCTAC
TGCACCTCTGCCTCACCAACTTCTGGTGGAGAAGGACTTCTGTCCCATGGACCGCAAG
CCTCTGGTTCTGCAGCACTGCAAGAAGTCCAGCATCCTGGTCAACAAACTCCTCAACAAG
CTACTGGTGACCTGCCCATTCAGGGAGCACTGCACCCAGGTGTTGCAGCGCTGTGACCTC
GAGCATCACTTTCAAACCAGCTGTAAAGGTGCCTCCCACTACGGCCTGACCAAAGATAGG
AAGAGGCGCTCACAAGATGGCTGTCCAGACGGCTGTGCGAGCCTCACAGCCACGGCTCCC
TCCCCAGAGGTTTCTGCAGCTGCCACCATCTCCTTAATGACAGACGAGCCTGGCCTAGAC
AACCTGCCTACGTGTCTCGGCAGAGGACGGGCAGCCAGCAATCAGCCCACTGGACTCT
GGCCGGAGCAACCGAACTAGGGCACGGCCCTTTGAGAGATCCACTATTAGAAGCAGATCA
TTTAAAAAATAAATCGAGCTTTGAGTGTCTTTCGAAGGACAAAGAGCGGGAGTGCAGTT
GCCAACCATGCCGACCAGGGCAGGAAAATTCTGAAAACACCCTGCCCTGAAGTCTTT
CCAAGTTGTACCACCTGATTCCAGATGGTGAATTAACAGCATCAAGATCAATCGAGTA
GATCCCAGTAAAAGCCTCTCTATTAGGCTGGTGGGAGGTAGCGAAACCCCACTGGTCCAT
ATCATTATCCAACACATTTATCGTGATGGGGTGATCGCCAGAGACGGCCGGCTACTGCCA
AGAGACATCATTCTAAAGGTCAACGGGATGGACATCAGCAATGTCCCTCACAACTACGCT
GTGCGTCTCCTGCGGCAGCCCTGCCAGGTGCTGTGGCTGACTGTGATGCGTGAACAGAAG
TTCCGCAGCAGGAACACTGGACAGGCCCGGATGCCTACAGACCCCGAGATGACAGCTTT
CATGTGATTCTCAACAAAAGTAGCCCGAGGAGCAGCTTGAATAAACTGGTGGCAAG
GTGGATGAGCCTGGGGTTTTTCATCTTCAATGCGCTGGATGGCGGTGGCATATCGACAT
GGTCAGCTTGAGGAGAATGACCGTGTGTTAGCCATCAATGGACATGATCTTCGATATGGC
AGCCCAGAAAAGTGC GGCTCATCTGATTCAGGCCAGTAAAAGACGTGTTACCTCGTCGTG
TCCCGCCAGGTTTCGGCAGCGGAGCCCTGACATCTTTCAGGAAGCCGGCTGGAACAGCAAT
GGCAGCTGGTCCCAGGGCCAGGGGAGAGGAGCAACTCCCAAGCCCTCCATCTTACA
ATTACTTGTGATGAGAAGGTGGTAAATATCCAAAAAGACCCCGGTGAATCTCTCGGCATG
ACCGTCGACAGGGGAGCATCACATAGAGAATGGGATTTGCCTATCTATGTCATCAGTGT
GAGCCCGGAGGATCATAAGCAGAGATGGAAGAATAAAAAAGGTGACATTTTGTGAAT
GTGGATGGGGTCAACTGACAGAGGTGAGCCGGAGTGAGGCAGTGGCATTATTGAAAAGA
ACATCATCTCGATAGTACTCAAAGCTTTGGAAGTCAAAGAGTATGAGCCCCAGGAAGAC
TGACAGCAGCCAGCAGCCCTGGACTCCAACCACAACATGGCCCCACCCAGTGACTGGTCC
CCATCCTGGGTGATGTGGCTGGAATTACCACGGTGCTTGTATAACTGTAAAGATATTGTA
TTACGAAGAAACACAGCTGGAAGTCTGGGCTTCTGCATTGTAGGAGGTTATGAAGAATAC
AATGGAACAAACCTTTTTTTCATCAAATCCATTGTTGAAGGAACACCAGCATACAATGAT
GGAAGAATTAGATGTGGTGATATTCTTCTGTGTCAATGGTAGAAGTACATCAGGAATG
ATACATGCTTGTGGCAAGACTGCTGAAAGAACTTAAAGGAAGAATTACTCTAACTATT
GTTTCTTGGCCTGGCACTTTTTTA
    
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Restriction Sites: Please inquire

ACCN: AK056823

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).

OTI Annotation: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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:	<u>AK056823.1</u> , <u>BAB71291.1</u>
RefSeq Size:	2718 bp
RefSeq ORF:	2718 bp
Locus ID:	84708
Cytogenetics:	4q12
Domains:	PDZ, RING
Protein Families:	Druggable Genome
Gene Summary:	This gene encodes a membrane-bound protein that is involved in signal transduction and protein interactions. The encoded product is an E3 ubiquitin-protein ligase, which mediates ubiquitination and subsequent proteasomal degradation of proteins containing phosphotyrosine binding (PTB) domains. This protein may play an important role in tumorigenesis. Alternatively spliced transcript variants encoding distinct isoforms have been described. A pseudogene, which is located on chromosome 17, has been identified for this gene. [provided by RefSeq, Jul 2008]