

## Product datasheet for **SC113204**

### LXN (NM\_020169) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	LXN (NM_020169) Human Untagged Clone
Tag:	Tag Free
Symbol:	LXN
Synonyms:	ECI; TCI
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC113204 sequence for NM_020169 edited (data generated by NextGen Sequencing)

```
ATGGAATCCCGCCGACCAACTACCCAGCCTCCAGGGCGCCTTGGTGGCACAGAACTAC
ATCAACTACCAGCAGGGGACCCCGCACAGGGTGTGAGGTGCAGAAGGTCAAACAAGCC
AGCATGGAGGATATTCCAGGAAGAGGACATAAGTATCACCTTAAATTTGCTGTTGAAGAA
ATTATACAAAAACAAGTTAAGGTGAAGTGCACAGCTGAAGTACTTTACCTTCAACGGGA
CAAGAACTGCACCAGAAGTCAACTTCACATTTGAAGGAGAACTGGAAAGAATCCAGAT
GAAGAAGACAACACATTTTATCAAAGACTTAAGTCCATGAAGGAACCGCTAGAAGCACAA
AATATTCCAGACAATTTGGAAATGTATCTCCAGAAATGACGCTCGTTCTACATTTAGCC
TGGGTTGCTGTGGTTATATAATATGGCAAAATCTACTGAAGACACATGGTATAAAATG
GTAAAAATTCAACTGTCAAGCAAGTGCAAAGAAATGATGACTTTATTGAATTAGACTAC
ACCATTCTACTTCATAATATAGCATCTCAGGAGATTATCCCTGGCAAAATGCAAGTTCTC
TGGCATCCACAATACGGCACTAAAGTAAAACATAATAGCCGTCTGCCAAAGGAAGTACAA
CTGGAATAA
```

Clone variation with respect to NM\_020169.3



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<b>5' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 5' read for NM_020169 unedited  GGGGGTTGGATTTGTATACGATTCACTATAGGCGGCCGCAATTCGCACGAGGAGCAGCT  TCCGGAGTCGGAAGGAGCTGAGGAAGAAGACTGACTGAAGGAGCTTGCCTTTTCCGCC  TCGGCAACCGGACCCAGCAGCAAGCAGGACGGGCGGCCTCTGCTACTGGTCCCCTTAAG  CCAGAGTAGCCCAAGCCCTGAAGTCACTGCTCATCCGGAATGAAATCCCGCCGACCAAC  TACCCAGCCTCCAGGGCGGCCTTGGTGGCACAGAATACTCACTACCAGCAGGGGACC  CCGCACAGGGTGTGGAGGTGCAGAAGGTCAAACAAGCCAGCATGGAGGATATCCAGGA  AGAGGACATAAGTATCACCTTAAATTTGCTGTTGAAGAAATTATACAAAAACAAGTTAAG  GTGAAGTGCACAGCTGAAGTACTTTACCTTCAACGGGACAAGAACTGCACCAGAAGTC  AACTTCACATTTGAAGGAGAACTGAAAGAATCCAGATGAAGAAGACAACACATTTTAT  CAAAGACTTAAGTCCATGAAGGAACCGCTAGAAGCACAAAATATCCAGACAATTTGGA  AATGTATCTCCAGAAATGACGCTCGTTCTACATTTAGCCTGGGTTGCCTGTGGTTATATA  ATATGGCAAAATCTACTGAAGACACATGGTATAAAATGGTAAAAATCAAAGTCAAG  CAAGTGCAAGAAATGATGACTTTATTGAATTAGACTACACCATTCTACTCATAATATA  GCATCTCAGGAGATTATNTCCTGGCANATGCAAGTTCTCTGGCATCCACAATACGGCACT  AAAGTAAAAACATATAGCCGTCTGCCAAAGGAAGTACACTGGAATAAC</p>
<b>3' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 3' read for NM_020169 unedited  GAGTCGAGTTTTTTTTTTTTTTTTTTTGGAGGCTGAAATTGAAGCTTTTTATTTTGGATATA  CATACCACTATTACTGTTTTAAAGACATTTTTATGTAAGTACTGATACTTTGCATTATGGACTC  TATAAAGCCCTACTGTAATGAAGACATTCATATAAAGTACACTTTGGGATTATTTGG  CCTCATAACCCTACAGGCCGGAAGTGGGATGCGCATGTTTGCACATGCCAACACTTCT  ACCGACGGGGTGGTGCCATTGATAAGAAGTACGACTTTGTAACACGGCGCTTTTGCCG  CCGTCATGCCGCGTTTTGCGCCCGGCCCACTGCTTCTTTTTTTTTCTGACATGTAT  TAGTGTCACCCACCTTTTTGTTCTCTCTCCCGGTTTTGCATTCCGCAACCCGAATCGT  TTTATATGCAATATGCAAGCGACCAACAACCTCCACCCCGTCGTGCCGCGGAGCGCG  CCTTGTTTTCACTTTTTTCGCCGTTTTCCCGACCCACCCCTTTTTTTTGTACCATTG  TGATCTTCGCGGCTCCGCCACCCCGCGTGCAGGGGCATCGTCTCTGTTTTACGCGTT  TCTCCCACTCCGCTTCTTTGTCCCGCACACAACCTCCACTCTTTATGTTACCCCTC  GCCTTCCCATGCCACAGTTTTCTCCCGCGTTTTTCCCGCCGCTTTATCACCCGT  TTCAGCCCTCATATAGTGAAGAAGTACGAGTCCGCGTCCGACGGGCGAGACGAACG  TAGTTTGACGACGTTTCTCTCGTATGCCGCGTTATCGCCGCGCGCGTAATATTTTA  TTCCCGCCGCTACCGGTACGCCGCGCAGATTGTCCCGCTAGTAATGGACGCTCCCGCC  CCCCACGACGCATCTAAGTGTACGGTACGGTACGCAAGAGGTCCCGCATGAGGAGCGCC  CACCTATCGGTGCGATAACACACATGTTGTTATAATATGCCCTGCCCGAGCGCTGTTGG  TGCGCACCCCGCGCCCGCCGTCACAGTTCTGTNGACGACCGCGCGCTCCCATCC  ACTTTAATTN</p>
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	NM_020169
<b>Insert Size:</b>	1100 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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\\_020169.2](#), [NP\\_064554.2](#)

**RefSeq Size:** 1144 bp

**RefSeq ORF:** 669 bp

**Locus ID:** 56925

**UniProt ID:** [Q9BS40](#)

**Cytogenetics:** 3q25.32

**Gene Summary:** This gene encodes the only known protein inhibitor of zinc-dependent metalloproteinases. The encoded protein, latexin, downregulates the population size of hematopoietic stem cells. This protein is found to be downregulated in cancer cells because of promoter hypermethylation. [provided by RefSeq, Jul 2020]