

Product datasheet for **SC113649**

Lano (LRRC1) (NM_018214) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lano (LRRC1) (NM_018214) Human Untagged Clone
Tag:	Tag Free
Symbol:	Lano
Synonyms:	dj523E19.1; LANO
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 SC113649 sequence for NM_018214 edited (data generated by NextGen Sequencing)

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ATGTTCCACTGCATCCCCCTGTGGCGGTGCAACCGTCATGTGGAGAGCATCGACAAGCGC
CACTGCTCGTGGTCTACGTCCCCGAGGAGATCTACCGCTATGCCCGGAGCCTGGAGGAG
CTGCTGCTGGACGCCAACAGCTCCGCGAGCTGCCCGAGCAATTTTCCAGCTAGTCAAA
TTACGAAAGCTTGGACTTAGTGATAATGAAATTCAGCGGCTCCCTCCAGAAATAGCAAAC
TTCATGCAGCTGGTGAAGTGTGTCTCGAAATGAGATTCCCTGAAATCCAGAAAGC
ATTTTCATTCTGTAAGCACTGCAGGTAGCTGACTTCAGCGGAAACCCACTGACTAGGTTG
CCAGAAAGCTTTCTGAATTACAGAATTTAACATGTCTTTCTGTAATGACATCTCACTA
CAGTCTCTACCTGAAAATATTGGCAATCTTTATAACCTGGCTTCACTGGAAGTGGAGAG
AATCTTCTACATATCTTCTGACTCTTTACCCAGCTGCGAAGACTAGAAGAATTGAT
TTAGGAAACAATGAAATATATAATTTGCCAGAATCAATTGGAGCCCTTTACATCTAAAA
GATCTCTGGTTGGATGGAATCAACTGTCAGAATTACCTCAGGAAATAGGAAATCTGAAG
AACCTGCTGTGTTAGATGTCTCTGAAAACAGGTTGGAAGACTTCTGAAGAAATCAGT
GGCCTGACTTCATTAACGGATTTAGTCATTTCCAGAACTTATTAGAAACGATTCCGGAT
GGCATTGGAAGAACTAAAGAACTGTCAATCTTGAAGGTGGATCAGAATAGACTCACACAG
TTGCCTGAAGCAGTTGGGGAATGTGAAAGTCTCACTGAGTTAGTTCTTACAGAAAATCAG
CTCCTGACCTGCCTAAAAGCATTGGAAGAACTAAAGAAGTTGAGCAACTTGAATGCAGAC
AGAAATAAATTAGTGTCTTACCAAAAGAGATCGGCGGGTGTGCAGCCTCACTGTGTTT
TGTGTACGTGACAACAGACTAATCGGATACCTGCAGAGGTGTGCAGGCAACAGAACTT
CATGTCCTGGATGTGGCAGGGAACAGGTTGCTGCATCTACCTTTATCCCTGACTGCCTTG
AAGTTGAAGGCTCTGTGGCTATCTGACAACAGTCCCAGCCCCGCTTACATTCCAGACA
GACACAGACTACACCACAGGAGAGAAGATTTTAACTGTGTCTTACTTCCCTCAGCTGCCT
TCTGAACCTACTTGTCAAGAGAATCTGCCTCGCTGTGGTGCAGTGGAGAAGTTGGTAAAT
GATGTCTCTGATGAAGCCTGGAACGAGCGTGTGTCAACAGAGTCAAGTGCATCCGATTT
GTGGAGGATGAGAAAGATGAAGAAGACAATGAGACGAGAACAATTCTAAGGCGAGCCACT
CCACACCCAGGGGAGTTAAAGCACATGAAAAAGACAGTGGAGAATTTACGGAATGACATG
AATGCTGCTAAAGGACTGGACTCAAACAAAACAGGTTCAATCATGCCATTGACCGAGTG
ACCACTTCTGTGTAG
    
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Clone variation with respect to NM_018214.4

5' Read Nucleotide Sequence: >OriGene 5' read for NM_018214 unedited

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AGTAATTTGTAATACGACTTCACTATAGGGCGGCCGGAATTCGCACGAGGGTTCCTTGA
AGCACTTCCGACCGCGAAGCCCGCGGAGAGCGAGTAACCCAAGAGCCAACAACGAG
CGCGGAGAGGGCAGCGGACTGAGCGGAGCCCGCGCCAGAGCGGGCTCGGAGCCCGGTC
TCCGCGCTCGGGACCCGGCTAGGCGGGCGGGGGCGGCGATGTTCCACTGCATCCCCC
TGTGGCGGTGCAACCGTCAATGTGGAGAGCATCGACAAGCCCACTGCTCGCTGGTCTACG
TCCCCGAGGAGATCTACCGCTATGCCCGGAGCCTGGAGGAGCTGCTGCTGGACGCCAACC
AGCTCCGCGAGCTGCCGAGCAATTTTCCAGCTAGTCAAATTACGAAAGCTTGGACTTA
GTGATAATGAAATTCAGCGGCTCCCTCCAGAAATAGCAAATTCATGCAGCTGGTGGAAAC
TAGATGTGTCTCGAAATGAGATTCTGAAATTCAGAAAGCATTTCATTCTGTAAGCAC
TGCAGGTAGCTGACTTACGCGGAAACCCACTGACTAGGTTGCCAGAAAGCTTTCTGAAAT
TACAGAATTTAACATGTCTTTCTGTAATGACATCTCACTACAGTCTCTACCTGAAAATA
TTGGCAATCTTTATAACCTGGCTTCACTGGAAGTGGAGAGAATCTTCTTACATATCTTC
CTGACTCTTTACCCAGCTGCGAAGACTAGAAGAACTTGATTTAGGAAACAATGAAATAT
ATAATTTGCCAGAATCAATTGGAGCCCTTTCATCTAAAAGATCTCTGGTTGGATGGAAA
TCAACTGTGAGAANTACCTCAGGAATANGAAATCTGAAGACCTGCTGTGTTTAGAGTCTC
TGAACAGTTTGGAGACTCCTGAGAAATCATGGCTGACTCATTACGGATTAGTCATTCC
CAGAN
    
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3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_018214 unedited GAACCGCGCGCCGAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTTGTGTTTTCTGCTC TATTTTATTTTACAAATGGCACATACCATCAGAGTAGGCACAGTCTGACACTGCACTCAT TATGAGAGACTTATTCAGAAAAAAGTGAAGGAATAAAATATTAGCAGTCAAATCCTTT GGTTCATCTTTTCAAAAAAATCAACCGATATAATTACAAATCATTGATAATTCATCTTT TTGGTTAAAAACAAATCCACCAGGTAGATTACTGATTAATAATGCAACACTGCTTTAAAC ACCACATTCCTATTCTCATCACACTGTTCAAAGATGCCATTGTTTACAACACTGATTGGACA TGACACAGGATACAGTAAGGCACAAGTGGATGGTACAAATAAAAAACAAATACTTTAGGAC TTGTTTTTCTGCACAAATACTAAATATGTACCGTTTTCAAGATAAAATAACAAAAAAGA AATACATATTTTTGTTATGAAATACCTATACAAAATTTTAAAAATTTACACCATCTGAGCT GCCAAAAAAGGTTTAAAAAGTATCCATTTTTCCCACATATAAACTATCTCTCATCAGT AGGTCCAAGGGAAGTGGGGGATTCAAAATATCCCAGCACTTTACGGAAGGGAGGAGGAT AAAAAATCCCCTTCTGCTTTCTTTACCCCAACATAAGACAAAAACAAAGGTCGTATGT TTACAGTAGTGTATTCTACTTATTACAACCAACTGAATTAATAAAAAAAAAAATCACAC CGGGAGACCACTGGTGCCTGACCTGTTGCGGGATGAGTAAAGCACTTNTGGGAGACAA GCAGTTCACCACTTACCGNAANGATTGCCCGCGGGGCGGTTTATGACAANGAGCAC CGGAGCTCCCGGAAGCACACAGGAAGTCCGACAGCANAGTAGACACAGAGGTAAC</p>
Restriction Sites:	NotI-NotI
ACCN:	NM_018214
Insert Size:	2740 bp
OTI Disclaimer:	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info</p>
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_018214.3 , NP_060684.3

RefSeq Size: 3468 bp
RefSeq ORF: 3180 bp
Locus ID: 55227
UniProt ID: [Q9BTT6](#)
Cytogenetics: 6p12.1
Domains: LRR, LRR_TYP, LRR_PS