

Product datasheet for **SC214559**

LEMD2 (NM_001143944) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Symbol:	LEMD2
Synonyms:	CTRCT42; dJ482C21.1; LEM2; MARUPS; NET25
Mammalian Cell	Neomycin
Selection:	
Vector:	pMirTarget (PSI00062)
ACCN:	NM_001143944
Insert Size:	1462 bp



Insert Sequence:

>SC214559 3'UTR clone of NM_001143944

The sequence shown below is from the reference sequence of NM_001143944. The complete sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAGCGATCGCC
CCCTCTTCCTTCTCTGACTCAGAGCGATAAGCCCCGGGCGGGGACTTGTTCCTCGGTACGCTGTCCAG
GACAGCCCACTCCAGAGGCACAGGAGGTACACAGGCTGCGGTGCTGAATTCACACTTGCCTTGACTT
TCAGTCTCGTCTGACACGATTCCAAGGTCTGCCATACTCTTACAGAGGAGTTCGGCTCGCAGGAAAAAT
GTGGGCTTCCTTTAAAGGGAGGGGAGAAGCCAGGGTGATAGCCAGACTCTGCCCTGTTGTGTGGCA
GAAACGGGGAGAAGGGTTGAGTTTTATGAATAGAAAACAAGAGCAGCAGCTGTCAGGCCAGCTGACA
AGCGTGGGGCTGGTGGGCTGGGCGATGGCCACGCCAGGAGTCTGTACCTGGGAGGTGGGGCAGGGAT
GGTGTTCGGGTGGCGGATGGGGAGCAGCTTGGTCCATGTGCCTTCAGGGGTTGTTACTTGAGAGCT
CCAGGGTGAAGGGAGAAAGCTGTGCTCTGGCTGGCTGGCCTCTATCCTGAAGAGGAAGGTGCTAGA
AATTAGAACAAGTACTGTAGGGGGGACCGTCTAGAAACACAGGCCAGACACACGGTCCCTCAGGTC
AGGAGGAGTGAGCAGCCGGCAGCCTCCTGGGAGGATCCCGAAGTAGGAGTGGGGCTGAGAGCAGAG
AGGAGGGTCGGGCAGCCCCAGGGCGGGCGGCCCGCTCAGTGTTCCTTCTACAGAAGTGCAGCTCT
AGACAGGCTGCAGCCAGAAGCGGATTCCGGGAGCTTGGGAGCCTGCGTCAGGGCCAGAGCCTCG
CACTTGCTGTGTGCGAAGATCGCCTTGTCTTACTGTGACCACAGCCCCGACGCGGGGCTGTTTAAACAAG
AACTTCAGCGCAGCCGGCGTTTCTGTTACCCCGCCGCGGCTCTTGGCGCGGGAGAGGCGCAGTGGCT
GCAGGCTGCCCCCTGCCGGCCACAAGGGAGCAGCTCCGCGCCGCGCCACCGGCCCTCCCGCCAGCT
CCTCAGCCTGCTCCCTGGGAGGCAGGCTCCAGAAGCACCCGACGGGGGCTTATTAAGTGCAGAAAG
CCTCTCCAGCGAGTCTTCCCGTGTGCTCATCTGCGGCAGGCAGGAGGGGGAGCAACAGGAAAT
TCCACAGCTGCCTCCAGAAACATTAACACCCCTCTCTAGTCTTACTGGTATTTTTTTGTTTCCTTAATA
AAGCTCCAGTCTCCCTCATTTGAGCAATACTCTCATTTCTCTGATGTCTGGATGATCGGCAGGGCAGG
AATCTGAGCGCTGGCCCGTGGTGAGGCCATGTTCTCATAATCAGGCTCCAGCCAGAAAAATAAGAAAC
ACCGCAACAGGCTTCAGTATCAGGGCTGAAACTGCTGGATGAATAAACTATTTATTAACGAAAAA
AAAAAAAAAAAAA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites:

SgfI-MluI

OTI Disclaimer:

Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

Components:

The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

Note:

Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq:

[NM_001143944.1](#)

Summary:

This gene encodes a LEM domain-containing transmembrane protein of the inner nuclear membrane. The protein is involved in nuclear structure organization and plays a role in cell signaling and differentiation. Mutations in this gene result in Cataract 46, juvenile-onset. Multiple transcript variants have been found for this gene. [provided by RefSeq, Feb 2017]

Locus ID: 221496

MW: 52.1