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Product datasheet for SC211713

Lamin A (LMNA) (NM_170707) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Lamin A (LMNA) (NM_170707) Human 3' UTR Clone
Symbol:	Lamin A
Synonyms:	CDCD1; CDDC; CMD1A; CMT2B1; EMD2; FPL; FPLD; FPLD2; HGPS; IDC; LDP1; LFP; LGMD1B; LMN1; LMNC; LMNL1; MADA; PRO1
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_170707
Insert Size:	1005 bp
Insert Sequence:	>SC211713 3'UTR clone of NM_170707 The sequence shown below is from the reference sequence of NM_170707. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC CAGAGCCCCCAGAACTGCAGCATCATGTAATCTGGGACCTGCCAGGCAGGGGTGGGGGTGGAGGCTTCC TGCGTCCTCCTCACCTCATGCCCACCCCCTGCCCTGCACGTCATGGGAGGGGGCTTGAAGCCAAAGAAA AATAACCCTTTGGTTTTTTTCTTCTGTATTTTTTTTTCTAAGAGAAGTTATTTTCTACAGTGGTTTTAT ACTGAAGGAAAAACACAAGCAAAAAAAAAAAAAAAGCATCTATCTCATCTATCTCAATCCTAATTTCTCC TCCCTTCCTTTTCCCTGCTTCCAGGAAACTCCACATCTGCCTTAAAACCAAAGAGGGCTTCCTCTAGAA GCCAAGGGAAAGGGGTGCTTTTATAGAGGCTAGCTTCTGCTTTTCTGCCCTGGCTGCTGCCCCCACCCC GGGGACCCTGTGACATGGTGCCTGAGAGGCAGGCATAGAGGCTTCTCCGCCAGCCTCCTCTGGACGGCA GGCTCACTGCCAGGCCAGCCTCCGAGAGGGAGAGAGAGAGAGAGAGGACAGCTTGAGCCGGGCCCCTGG GCTTGGCCTGCTGTGATTCCACTACACCTGGCTGAGGTTCCTCTGCCTGCCCCGCCCCCAGTCCCCACC CCTGCCCCCAGCCCCGGGGTGAGTCCATTCTCCCAGGTACCAGCTGCGCTTGCTTTTCTGTATTTTATT TAGACAAGAGATGGGAATGAGGTGGGAGGTGGAAGAAGGGAGAAGAAAGGTGAGTTTGAGCTGCCTTCC CTAGCTTTAGACCCTGGGTGGGCTCTGTGCAGTCACTGGAGGTTGAAGCCAAGTGGGGTGCTGGGAGGA GGGAGAGGGAGGTCACTGGAAAGGGGAGAGCCTGCTGGCACCCACCGTGGAGGAGGAAGGCAAGAGGGG GTGGAGGGGTGTGGCAGTGGTTTTGGCAAACGCTAAAGAGCCCTTGCCTCCCCATTTCCCATCTGCACC CCTTCTCTCCTCCCCAAATCAATACACTAGTTGTTTCTA ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG
Restriction Sites:	SgfI-MluI

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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.

RefSeq: NM_170707.4

Summary: The nuclear lamina consists of a two-dimensional matrix of proteins located next to the inner nuclear membrane. The lamin family of proteins make up the matrix and are highly conserved in evolution. During mitosis, the lamina matrix is reversibly disassembled as the lamin proteins are phosphorylated. Lamin proteins are thought to be involved in nuclear stability, chromatin structure and gene expression. Vertebrate lamins consist of two types, A and B. Alternative splicing results in multiple transcript variants. Mutations in this gene lead to several diseases: Emery-Dreifuss muscular dystrophy, familial partial lipodystrophy, limb girdle muscular dystrophy, dilated cardiomyopathy, Charcot-Marie-Tooth disease, and Hutchinson-Gilford progeria syndrome. [provided by RefSeq, Apr 2012]

Locus ID: 4000

MW: 36.3

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