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Product datasheet for SC202810

Laminin 2 alpha (LAMA2) (NM_001079823) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Laminin 2 alpha (LAMA2) (NM_001079823) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	LAMA2
Synonyms:	LAMM; MDC1A
ACCN:	NM_001079823
Insert Size:	249 bp
Insert Sequence:	>SC202810 3'UTR clone of NM_001079823 The sequence shown below is from the reference sequence of NM_001079823. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC GTTCAACCTGTATCATGCCCAGCCAACTAATAAAAATAAGTGTAACCCCAGGAAGAGTCTGTCAAAACA AGTATATCAAGTAAAACAAACAAATATATTTTACCTATATATGTTAATTAAACTAATTTGTGCATGTAC ATAGAATTCTTTCTGTATTCAGATGGTGCTAATTCAGACTCCAGACTGAATTTTAATTCAAGTTCTTTC TCAAGTCTATAAATAATATTAAACTGATTATTTCATTCTAAA ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG
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.
RefSeq:	NM_001079823.2

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Summary: Laminin, an extracellular protein, is a major component of the basement membrane. It is thought to mediate the attachment, migration, and organization of cells into tissues during embryonic development by interacting with other extracellular matrix components. It is composed of three subunits, alpha, beta, and gamma, which are bound to each other by disulfide bonds into a cross-shaped molecule. This gene encodes the alpha 2 chain, which constitutes one of the subunits of laminin 2 (merosin) and laminin 4 (s-merosin). Mutations in this gene have been identified as the cause of congenital merosin-deficient muscular dystrophy. Two transcript variants encoding different proteins have been found for this gene. [provided by RefSeq, Jul 2008]

Locus ID: 3908

MW: 9.4