

Product datasheet for **SC205721**

LAMA3 (NM_001127717) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	LAMA3 (NM_001127717) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	LAMA3
Synonyms:	BM600; E170; LAMNA; LOCS
ACCN:	NM_001127717
Insert Size:	448 bp
Insert Sequence:	>SC205721 3'UTR clone of NM_001127717 The sequence shown below is from the reference sequence of NM_001127717. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site
Restriction Sites:	Sgfl-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:	<u>NM_001127717.4</u>

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GTCAGTCTGAATGGTTGTCCTGACCAGTAAACCAAGCCTATTTACAGCAAGGAAATTCACCTTCAAAA
GCACTGATTACCCAATGCACCTCCCTCCCGAGCTCGAGATCATTCTTCACTCAGGACACAACCAGACA
GGTTTAATAGCGAATCTAATTTTGAATTCTGACCATGGATACCCATCACTTTGGCATTTCAGTGCTACAT
GTGATTTTATATAAAAAATCCCATTCTTGAAGATAAAAAAATTGTTATTCAAATGTTATGCACAGAA
TGTTTTGGTAATATTAATTTCCACTAAAAAATTAATGTCTTTTAAGAAACATTCTTTCCACTTGTT
AAAAAATTAATATATTTTAAAGCACTTTAAGAATATGAAAATTCATATATGTTAAAGGATTATAAT
TTATGGAATTAATAATGCAGTGTAGTCCTTAA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCCTTCTATGAAAGG
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Summary:

The protein encoded by this gene belongs to the laminin family of secreted molecules. Laminins are heterotrimeric molecules that consist of alpha, beta, and gamma subunits that assemble through a coiled-coil domain. Laminins are essential for formation and function of the basement membrane and have additional functions in regulating cell migration and mechanical signal transduction. This gene encodes an alpha subunit and is responsive to several epithelial-mesenchymal regulators including keratinocyte growth factor, epidermal growth factor and insulin-like growth factor. Mutations in this gene have been identified as the cause of Herlitz type junctional epidermolysis bullosa and laryngoonychocutaneous syndrome. Alternative splicing and alternative promoter usage result in multiple transcript variants. [provided by RefSeq, Dec 2014]

Locus ID:

3909

MW:

17.3