

Product datasheet for SC122284

Laminin alpha 5 (LAMA5) (BC003355) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Laminin alpha 5 (LAMA5) (BC003355) Human Untagged Clone
Tag:	Tag Free
Symbol:	LAMA5
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	None
Fully Sequenced ORF:	>OriGene sequence for BC003355 edited

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CACAACGCCAGCCTGGCCCTGTCCGCCAGCATTGGCCCGCTGCGAGAGCTCATTGCCAG
GCCCGGGGGCTGCCAGTAAGGTGGGTGAGAGTCCCAGGGGAAGGTGGACATCAGGGAGG
GTGGTGGTGGACGCTGATGGACCGTGCCTCCGAGGTCAAGGTGCCATGAAGTTCAACGG
GCGCTCAGGGGTGACGCTGCGCACCCACGGGATCTTGCCGACCTTGCTGCCTACTGTC
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AGGCTCTGTTTGGAAATGAGCGGTGCCTGGTCCCTGGTCCCGGTCCCCATCCCGACTGT
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CGTCTTCGTGCAGCGGCTCCTGGGCCACAGCGGTATTTGATCTGCAGCAGAACCTGGG
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5' Read Nucleotide Sequence:

>OriGene 5' read for BC003355 unedited
 NTTTGACGTTGTGATTTGTAATACGACTTCCTATAGGCGGCACGCGATCCCGGGATATC
 GTCGACCACGCGTCCGCACAACGCCAGCCTGGCCCTGTCGCCAGCATTGGCCGCGTGC
 GAGAGCTCATTGCCCATGCCCGGGGGTGCAGTAAGGTGGGTGAGAGTCCCAGGGGAA
 GGTGGACATCAGGGAGGGTGGTGGTGGACGCTGATGGACCGTCCCGCAGGTCAAGGTG
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 GTCGGGGGTACCCAGTACCTTACGCCCCCTCCCTGCTTTCGGGCTACCGN
 GGCTGCATCGAGATGGACACGCTNGATGAGGAGGTGGT

Restriction Sites:

Please inquire

ACCN:

BC003355

Insert Size:

3173 bp

OTI Disclaimer:

Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

RefSeq:

[BC003355.1](#)

RefSeq Size:	3173 bp
Locus ID:	3911
Protein Families:	Druggable Genome
Protein Pathways:	ECM-receptor interaction, Focal adhesion, Pathways in cancer, Small cell lung cancer
Gene Summary:	<p>This gene encodes one of the vertebrate laminin alpha chains. Laminins, a family of extracellular matrix glycoproteins, are the major noncollagenous constituent of basement membranes. They have been implicated in a wide variety of biological processes including cell adhesion, differentiation, migration, signaling, neurite outgrowth and metastasis. Laminins are composed of 3 non identical chains: laminin alpha, beta and gamma (formerly A, B1, and B2, respectively) and they form a cruciform structure consisting of 3 short arms, each formed by a different chain, and a long arm composed of all 3 chains. Each laminin chain is a multidomain protein encoded by a distinct gene. The protein encoded by this gene is the alpha-5 subunit of of laminin-10 (laminin-511), laminin-11 (laminin-521) and laminin-15 (laminin-523). [provided by RefSeq, Jun 2013]</p>