

Product datasheet for **SC203433**

Laminin alpha 5 (LAMA5) (NM_005560) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: Laminin alpha 5 (LAMA5) (NM_005560) Human 3' UTR Clone
Symbol: Laminin alpha 5
Mammalian Cell Selection: Neomycin
Vector: pMirTarget (PS100062)
ACCN: NM_005560
Insert Size: 301 bp
Insert Sequence: >SC203433 3'UTR clone of NM_005560
 The sequence shown below is from the reference sequence of NM_005560. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAACGATCGCC
GTGGGGGCCAGTGGCTGCCAGCCGCCTAGGACACAGCCAACCCCGGCCCTGGTCAGGCCCTGCAGC
TGCCTCACACCGCCCCTTGTGCTCGCCTCATAGGTGTCTATTTGGACTCTAAGCTCTACGGGTGACAGA
TCTTGTCTTCTGAAGATGGTTTAAGTTATAGCTTCTTAAACGAAAGAATAAAATACTGAAAATGTTTTT
ATATTTGGCCCTTCCACCCATTTTAAATTGTGAGAGATTGTACCAATCATCACTGGTTCCTCCTTAA
AAATTAAGTAAGTAACTTCTGTGTAA
ACGCGTAAGCGGCCGCGCATCTAGATTGGAAGAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
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.
RefSeq: [NM_005560.6](#)


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Summary:

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]

Locus ID:

3911

MW:

10.9