

Product datasheet for **MC224948**

Lama4 (NM_010681) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Lama4 (NM_010681) Mouse Untagged Clone
Tag: Tag Free
Symbol: Lama4
Synonyms: MGC141567
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC224948 representing NM_010681
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGGTTGGAGCACAGCTTGGTGTCTCAGTCTGGCCCTGTGGCTCCTCTGGTGTGCTGTCTGCTCCAACG
CAGCGTCAGGGGACGGCAATGCGTTTCTTTTACATCGAGGGGAGCGCAGTGGTCGGCAGGCAAGACCC
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 AAGAATCCAACAAAAGGGAGGCAAGCAGAGCAGACTCAAACAAGTGAAGAAGTTCTACTTTGGTGGCTCAC
 CCATCAGTCTCAGTATGCTAATTTCACTGGATGTATAAGCAATGCCTACTTTACCAGGTTGGATAGAGA
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 CAATTTGGGTTAAAAATTTGAAATTTGCCTTTGAAGTCCGCCCCGGAGCAGTTTCTGGAACCTTTGTCAT
 GGCCACAGCGTCAACGGGGAATACCTGAACGTGCATGAGAAACGGACAGGTATAGTGAAGGTCAACA
 ACGGTGTCAGAGACTTTTCTACCTCAGTAACTCCAAGCAGAATCTCTGTGATGGCAGATGGCACAGAAT

TACAGTTATTAGAGATTCAAACGTGGTTTCAGTTGGATGTAGACTCAGAAGTGAACCATGTAGTTGGGCCG
 TTGAATCCAAAGCCAGTTGATCACAGGGAGCCTGTGTTTGGAGGTGTTCCAGAGTCTTTACTGACAC
 CACGTTTGGCTCCAGCAAACCTTCACCGGCTGCATCCGCCACTTTGTAATTGACAGCCGCCCTGTGAG
 CTTAGTAAAGCTGCCCTGGTCAGTGGTGTGAGCATCAACTCCTGTCCCACAGCCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_010681
- Insert Size:** 5451 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).
- Components:** The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
- Reconstitution Method:**
1. Centrifuge at 5,000xg for 5min.
 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
 3. Close the tube and incubate for 10 minutes at room temperature.
 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
- RefSeq:** [NM_010681.4](#), [NP_034811.2](#)
- RefSeq Size:** 6046 bp
- RefSeq ORF:** 5451 bp
- Locus ID:** 16775
- UniProt ID:** [P97927](#)
- Cytogenetics:** 10 20.02 cM
- Gene Summary:** Binding to cells via a high affinity receptor, laminin is thought to mediate the attachment, migration and organization of cells into tissues during embryonic development by interacting with other extracellular matrix components.[UniProtKB/Swiss-Prot Function]