

Product datasheet for **RN200588**

Lmx1a (NM_001105967) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Lmx1a (NM_001105967) Rat Untagged Clone
 Tag: Tag Free
 Symbol: Lmx1a
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 Fully Sequenced ORF: >RN200588 representing NM_001105967
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGTTGGACGGCCTGAAGATGGAAGAGAAGCTTTCAAAGTGGCATTGAGACCTCGGCCTCCTTCTCCTCTT
 TGCTGGGCAGAGCGGTGAGCCCCAAGTCTGTCTGCGAGGGTGTGAGCGGGTGCATCTCGGATAGGTTTCT
 GCTGAGACTCAACGACAGCTTCTGGCAGGAGCAATGCGTGCAGTGCAGCTTTCGAAAGAGCCCCGGAG
 ACCACCTGCTTCTACCGGACAAGAAGCTCTACTGCAAGTACCACTACGAGAAACTGTTTGTGTCAAAT
 GTGGGGGTGCTTCAAGCCATTGCGCCCAATGAGTTTGTGATGCGTGCCAGAAGAGTGTGTACCACT
 GAGCTGTTTCTGCTGTGTCTGCGAGCGACAGCTGCAGAAGGGTGTGAGTTTGTCTGAAGGAGGGC
 CAGCTGCTCTGAAAGGAGACTATGAGAAGGAGCGAGAGTTGCTGAGCCTGGTGAAGCCAGCAGCTCAG
 ACTCAGGCAAAAGTGTGATGAGGAGAGTCTTTGCAAGTCAAGCCACGGGGCAGGAAAGGAGCATCAGA
 GGACGGCAAGGACCATAAGCGACCCAAACGTCCCAGAACCATCTTGACCACTCAGCAGAGGAGAGCATT
 AAGGCCTCATTTGAAGTATCCTCAAGCCCTGCAGAAAGGTGAGGGAGACTCTGGCTGCGGAGACAGGGC
 TGAGTGTCCGTGTGGTTCAGGTGTGGTTCCAGAACCAGCGAGCCAAGATGAAGAAGCTGGCCCGGCGACA
 GCAGCAACAGCAACAGGATCAACAGAACCAGAGGCTGAGTTCTGCTCAGACAAATGGTGTGGCAAT
 GCTGGCATGGAAGGCATCATGAACCCCTATAACGTTGCCACCCACAGCAACTGCTGGCCATTGAAC
 AGAGCGTCTACAACCTGATCCCTTCCGACAGGGTCTCACCCACCCAGATGCCTGGAGATCACATGCA
 CCCCTACGGTGTGAACCTCTTTTCCATGACCTGGATAGTGACGACACATCTCTCAGTAACCTGGGGCAG
 TGCTTCTGGCAACCTCAGAAGCTGGACCCCTACAGTCCAGAGTGGGAAACCCATCGACCATCTGTATT
 CCATGCAGAATTCTATTTCACCTCT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
 ACCN: NM_001105967



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Insert Size:	1149 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:	<ol style="list-style-type: none">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:	<u>NM_001105967.2</u> , <u>NP_001099437.2</u>
RefSeq Size:	3252 bp
RefSeq ORF:	1149 bp
Locus ID:	289201
Cytogenetics:	13q24