

Product datasheet for **MC208897**

Lmx1b (NM_010725) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Lmx1b (NM_010725) Mouse Untagged Clone
Tag: Tag Free
Symbol: Lmx1b
Synonyms: lcst; LMX1.1; LMX1.2
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC208897 representing NM_010725
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGTTGGACGGCATCAAGATGGAGGAGCACGCCCTTCGCCCCGGGCCCGCCACCCTGGGGTGCTGCTGG
GCTCCGACTGCCCGCATCCCGCGTCTGCGAGGGCTGCCAGCGGCCATCTCCGACCGCTCCTGATGCC
AGTCAACGAGTCGTCCTGGCAGGAGTGTTCAGTGGCGGCATGTCAGCAAGCCCTCACCACCAGC
TGCTACTTCCGGATCGAACTGTACTGCAAACAAGACTACCAACAGCTCTTCGCGCAAAGTGCAGCG
GCTGCATGGAGAAGATCGCCCTACCGAGTTCGTTCATGCGGGCGCTGGAGTGTGTACCACTTGGGCTG
TTTCTGCTGTGTGTGCGAGAGGCAACTGCGCAAGGGGGACGAGTTCGTGCTCAAGGAGGGCCAGCTG
CTGTGCAAGGGTGACTATGAGAAGGAGAAAGACCTGCTCAGCTCCGTGAGCCCGGACGAGTCTGACTCTG
TGAAGAGTGAGGATGAAGATGGAGACATGAAGCCGGCCAAGGGGCAGGGCAGCCAGAGTAAAGGCAGTGG
AGATGACGGGAAAGACCCGAGAAGGCCAAACGGCCCCGAACCATCTCACCACACAGCAGCGAAGAGCT
TTCAAGGCATCCTTTGAGGTCTCCTCAAGCCCTGTCGGAAGTCCGAGAGACATTGGCAGCAGAGACAG
GCCTCAGCGTGCGTGTGGTCCAGTCTGGTTTCAGAACCAAGAGCAAAGATGAAGAAGCTGGCCCGGAG
ACACCAGCAACAGCAGGAGCAGCAGAACTCCAGCGGCTGGGCCAAGAGGTTCTGTCAAGCCGATGGAG
GGCATGATGGCCTCCTACACGCCCTGGCCCTCCGACGAGCAGATCGTGGCCATGGAGCAGAGCCCT
ACGGAAGTAGCGACCCCTTCCAACAGGGCCTCACGCCGCCCAAATGCCAGGGAACGACTCCATCTTCCA
CGATATCGATAGTGATACCTCCCTCACCAGCCTCAGCGACTGTTCTCGGCTCTCCGACGTGGGCTCC
CTGCAGGCCCGCTGGGGAACCCATTGACCGGCTCTACTCCATGCAGAGCTCCTACTTTGCCTCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_010725



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|-------------------------------|---|
| Insert Size: | 1119 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_010725.2, NP_034855.2</u> |
| RefSeq Size: | 1219 bp |
| RefSeq ORF: | 1119 bp |
| Locus ID: | 16917 |
| UniProt ID: | <u>O88609</u> |
| Cytogenetics: | 2 22.48 cM |
| Gene Summary: | Essential for the specification of dorsal limb fate at both the zeugopodal and autopodal levels. [UniProtKB/Swiss-Prot Function] |