

Product datasheet for **RN209686**

Lbx1 (NM_001047108) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lbx1 (NM_001047108) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Lbx1
Synonyms:	RGD1564197
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN209686 representing NM_001047108 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGACTTCCAAGGAGGACGGCAAGGCGCGCCGGGGAGGAGCGGCGGCAGCCCTCTGGACCACCTGC
CGCCGCTGCCAACTCCAACAAGCCGCTGACGCCGTTTCAGCATCGAGGACATCCTCAACAAGCCGTCCTG
GCGGAGAAGTTACTCGCTGTGTGGGGCGGCGCACCTGCTGGCGCCGCGGACAAGCACGCGCCGGGCGGC
TTGCCCTGGCGGCGCGCTCTGCTCTCGCAGACCTCGCCGCTGTGCGCCTGGAGGAGCTCGCCAGCA
AGACCTTTAAGGGGCTGGAGGTCAGCGTCTGCAGGCAGCCGAAGCCGCGATGGGATGACCATCTTTGG
GCAGAGGCAGACGCCAAGAAACGGCGAAAATCACGCACGGCCTTACCACCATCAGATATACGAATTG
GAGAAAACGCTTTCTATACCAGAAGTACCTGTCCCTGCAGACCGCGACCAAAATTGCGCAGCAGCTGGGCC
TCACCAACGCACAGGTCATCACCTGGTTCAGAATCGGCGCGCCAAGCTCAAGCGGGATCTGGAGGAGAT
GAAGGCCGACGTGGAGTCTGCCAAGAACTGGGCCCGAGCGGCGAGATGGACATCGTGGCACTGGCGGAA
CTCGAGCAGAAGCTCGGAGGCTTCGGGCGGCGGCGGCGGCGGCGGCGGCGGCTGCGGCAGAGCCAAGT
CTAGGCCGGGTTCTCCGGCGTCCCCCAGGCGCCCCGAGGCCCGGCGGCGGCGGCGGCGGCGGCGGCTG
TCCCGCTCTCCGCTCAGGACCAGCGGCCAGCAGCCAGGACTGCTCAGAGGATGAGGAAGACGAAGAG
ATCGACGTGGACGATTGA

ACGCGTACGCGGCCGCTCGAGCAGAAAACATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_001047108
Insert Size:	858 bp



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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_001047108.1</u> , <u>NP_001040573.1</u>
RefSeq Size:	1164 bp
RefSeq ORF:	858 bp
Locus ID:	499362
UniProt ID:	<u>Q1XID0</u>
Cytogenetics:	1q54
Gene Summary:	Transcription factor required for the development of GABAergic interneurons in the dorsal horn of the spinal cord and migration and further development of hypaxial muscle precursor cells for limb muscles, diaphragm and hypoglossal cord.[UniProtKB/Swiss-Prot Function]