

Product datasheet for **MC218895**

Neurl1b (NM_001081656) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Neurl1b (NM_001081656) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Neurl1b
Synonyms:	C230078M08Rik; EG240055
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC218895 representing NM_001081656
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGGCAACACGGTGCACCGGACCTGCCAGACTCCAGCCCTCCTGCACGCCTCCTGGCCACCCGGCCTT
 GCTACGGCCCGGCCAGAGAGGCGAGCGGTCTGGGCGAGGCGCGCTTCCATGCGCAGGCTAAGGG
 CAAGAACGTGCGTCTGGACGGCCACTCGCGCAGGGCCACGCGCGGAACAGCTTCTGCAACGGAGTCACC
 TTCACGCAGCGCCCAATTCGCTGTACGAGCAGGTGCGGCTGCGCCTGGTGGCCGTGCGTCCCGGTGGA
 GCGGTGCTCTGCGCTTCGGCTTCACTGCGCAGCACCCGCTCTCATGAGCGCACAGGATATCCCAAGTA
 CGCCTGCCCGACCTGGTTACGCGGCTGGTTACTGGGCAAGGCGTGCCCGAGAACCTGGCGTGCGG
 GACACAGTGCTGGCTACTGGGCCGATCGCCACGGTTCGCTTCTACAGTGTCAACGATGGTGAGCCAG
 TGCTGTTCCACTCGGCGTGGCTGTGGCGGCCCACTCTGGGCACTCATCGAGTCTATGGCATCACGGA
 CGAAGTACAGCTTCTGGAAAGCACCTTCGCTGACACGCTGACCCCTCGCCTGGGTGAGCTCGCCTC
 AGCGCCTGCCCCCTCCTGGCAGCCACGAGCTGCCAACTTCGACAACAACGAGCTGGAGAACAACAGG
 TGGTGGCAAGCTGGGTACCTGGCTCTCGGCCGTCCCGACGCCGCGGTCCCGTGCCTGGCCCGGAACG
 CCCGAGGCCCGCCTCATCGCCGCGCTGCTGGACGCCGAGCTGCGCTTCCAGCCACGCGCGACCCGAC
 GTGAGCTTGTCCGCCGACCGAGGCTAGCCTGCGCGCCCCGCCCGACGGCGGCCGACGCTCGTGTCT
 CCGAGCGGCCGCTGCGGCCAGGGGAGAGCCTGTGCGTGGAAAGTGGGGCGCCCGGGGTGGCGGACCCGC
 GGCTGTGGCTTCGGCATCACGTCTGCGATCCTGGCGCGCTGCGGCCATCCGAGCTGCCCGCGATCCC
 GCTGCGCTGCTGGACCGCAAGGAATACTGGTGGTGGCTCGCGCCGGGCCGTGCCAGCGGAGGCGACG
 CGCTCAGCTTACGCTGCGACCCGGCGGACGTCCTGCTGGCGGTGAACGGGCGCCCGGGGACGCT
 GCTGTGCGTGGACACTCACAGGCGCTCTGGCCCTTCTTCGCGGTACGCGCGGTGTGGCGGCCAGCTG
 CGTCTCCTGGGTACCCTACAGTCCAGTTCTGAGACCATGACGCCATCAGGGTCTTCAGTGGCTCCAGG
 ATGACAGCGATTACAGATGACCTTCGGCGTCAACCAGTCGTCCTCAGCATCAGAATCGTCTCTGGTGAC
 AGCCCCAGTCCCCTCTGAGTCCCCGGTGTCCCAGCCTTCTCCGACCCGAGCCGACCGGCAGCAGG
 AATGGAGAGTGACAGTGTGCTTCGACAGCGAGGTGGACAGGTCATCTACAGTGTGGACATGTGCC
 TGTGTCATGGCTGCGGCTGCGGCTCCGAAGGCAGGCACGGCCCTGCTGTCCATCTGCCGCGGCCCAT
 CAAGGATGTTATCAAGATCTACAGGCC**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001081656

Insert Size: 1641 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_001081656.2](#), [NP_001075125.1](#)

RefSeq Size: 6195 bp

RefSeq ORF: 1641 bp

Locus ID: 240055

UniProt ID: [Q0MW30](#)

Cytogenetics: 17

Gene Summary: E3 ubiquitin-protein ligase involved in regulation of the Notch pathway through influencing the stability and activity of several Notch ligands.[UniProtKB/Swiss-Prot Function]