

## Product datasheet for **MC201925**

### **Klr1b1b (NM\_030599) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Klr1b1b (NM_030599) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Klr1b1b
Synonyms:	Klr1b1d; ly-55b; ly-55d; Ly55b; Ly55d; NKR-P1B; NKR-P1D; Nkrp1-b; Nkrp1d
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >BC055379 sequence for NM\_030599  
 AAGAGGTAATCCCAGGACTCAAAGTTTGTCCCTGTTACGAGGCCGGTGTCAAGTCCCTCCATCTACAAT  
 GGATTCACAACACTGGTCTATGCAGATTTAAACCTAGCCAGGATCCAAGAACCTAAGCATGATTCACCT  
 CCATCTCTTTCCCAGACACCTGTCGGTGCCCTCGCTGGCATCGGTTGGCTCTGAAATTTGGCTGTGCTG  
 GCCTCATCCTTCTGTGCTGGTCGTGATTGGACTCTGTGCTTGGTGCTATCAGTACAAGAATCATCAGT  
 ACAAAAAATCTGCGCGGATATTCAGAGAACAGAACACATACAACAGGTTGTTTCAGCTAAGCTAGAGTGC  
 CCACAAGACTGGCTTTACACCCGAGATAAGTGCTTTACGTTTTCTCAAGTTTCCAACACTGGAAGGAAT  
 GTCGAATTGATTGTGATAAAAAAGGAGCCACTTTGCTGCTCATTCAAGACCAAGAAGAAGTGAATTCCT  
 ACTGGACTCAATAAAGGAAAAATACAATTCATTTTGGATTGGACTAAGTTACACATTAACAGACATGAAC  
 TGGAAAGTGATAAATGGCACAGCTTTCAATTCTGATGTAATAAAATCACTGGTGTCACTGAAAATGGCA  
 GCTGTGCCGCATCTCAGGAGAAAAAGTGAATTCAGGGCTGTTCTTCAGACAACCGTTGGATCTGCCA  
 AAAGGAACTAAACCATGAAACCCCGTGAATGACTCCTGACTGCGAATCCCATCTGATTACTTTACCAT  
 CCGCACCATCTCTGCACCTAACCTGTCTGTCTGCTGCTGCCAGTGCAGTTAGTGCCACAGCACAT  
 GGACTCTGAAAACACTGGGATTCTTAAAGTTCTTCATTGTATAAATGGAAGTGTACACAGACACAGATG  
 TGCCGTTCTAAGAGGAGTTCTGTGAAAGAAGCCCTGGTAGTTGAGGGGCACCTGATTTTAACTCTTGAG  
 TCTGTGTGACCTTTGCTGGTCTCTGTCCCTGAGGTACCTGCAGACAGCCTCGGAAGACTGTTGGGGAAA  
 TCTCCATCTTTCTGTCCCCTACTAGCCACCACACTGAGGAATAGAATATTGACTAATGCCTTTGCTC  
 TCAATGACACCAGAAGCCAGGGTTAGGGGATTTGGGGAGAGACTGACAGGTTTAAATAGCACCCACA  
 TATCCTGGGTAACCTGAGCTCTGGGCACGTGATGCCTCTACCAGGCCATGATGTACCAGCAGACCCTGAG  
 CCAAGGCTGGCACCTTGGGGCTAGGCTTCTCAGCTCCATTACTGGCAGAGAGGGCCTTCTTTTCTTGAA  
 AGGTTTTGGTTTTATGTGACAGAAAAGCAAATAAGGTAACCTTCTCCTGCCGTCTTTTGTCTTA  
 GCTTGTCTCACAGTTCTTCTTTCCATGATTGGGAAAAATTAAGCTTTAAAAAGATACATCTTTGAATGT  
 CCCCTTTCTAAAAATTTGCCAACTTTCCATGAAAAATAAAGGAGTATGAATATTGAATTTACTTTATA  
 AGGAGACCTAAAAATGCTTTAAAAAATGGGCTTCTACAAGTTCTTATCATTCCATTTCAAATTGAATTAC  
 TTAAACTGAGGTACATGATATCATGATTCCAATGAATTCTCCACTTCTATTTGCCAGGAACAAAGAGTTT  
 TAATATTTGATAATAATGACTTTCAATACACTGACACTCAAAGAATTAATTCATTTTGTGAAAATTCCTA  
 GAAATCAATTTACCTAAGGAAAACTTCAGAGAAAAGCAGCGCTAGAAATCAATCCTTAACAACAGTGGT  
 GTTTTAGGAGCTATAACTGTTAAGTGCATGGAGCATGCAGCTAAGCAGGTATGAGCAGGAGGGATCCCA  
 TGTAAGAAAGTAAGGCACCAGAGGACTTCTCAGTGGCCATATATGCTACCAATGAATATGCTGATGAGA  
 AGGGAAGGCACAGCTGTGGGACATCTTGGTCTGAATCAATGTCAGCAGAGTAGATAAATGAAGCTGTC  
 TCCCAAAGGCAGGAACCTGACATTGACATAGGAGAGAGGAACCCAAAAGACATTTTTTAAATCCACCA  
 TCTAGATCCCCGAGGGCTGCCACCCACCTCCAGACCAGCCTGCTCCAGTATTCTTCTGGAGTTTGTATG  
 AATTCTTTTGTCTTAAATAAACATGGGCTCTATCAGTGAIAAAAAAAAAAAAAAAAAAAAAAAAAAAAA  
 AA

**Restriction Sites:** RsrII-NotI

**ACCN:** NM\_030599

**Insert Size:** 672 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:** [BC055379](#), [AAH55379](#)

**RefSeq Size:** 2280 bp

**RefSeq ORF:** 672 bp

**Locus ID:** 80782

**UniProt ID:** [Q99JB4](#)

**Cytogenetics:** 6 63.09 cM

**Gene Summary:** Receptor for CLEC2D/OCIL. Ligand-binding contributes to inhibition of cytotoxic natural killer (NK) cells. May mediate MHC class I-independent "missing-self" recognition of allografts, tumor cells and virus-infected cells.[UniProtKB/Swiss-Prot Function]