

## Product datasheet for MR202754

### Clec1b (NM\_019985) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Clec1b (NM_019985) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Clec1b
Synonyms:	1810061113Rik; Clec-2; Clec2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR202754 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGCAGGATGAAGATGGGTATATCACTTTAAACATCAAGCCCCGAAACAAGCTCTCAGCTCAGCGGAAC  
CTGCCTCTTCTTGGTGGCGTGTGATGGCTTTAGTTCTGCTGATCTCATCCATGGGCTGGTTGTTGGACT  
CGTGGCTCTGGGGATCATGTCGGTCACACAGCAAAAGTATCTACTGGCGGAGAAGGAAAATCTCTCAGCG  
ACTCTGCAACAATTGGCCAAGAAATTCGCCAAGAGTTGATTAGACAATCAGAAATTAAGACAAAGAGCA  
CTTTTGGACACAAGTGCAGCCCCGCGCCACGAAGTGGAGATACCATGGAGATAGTTGCTACGGGTTCTT  
CAGGCGTAACCTAACATGGGAAGAGAGCAAGCAGTATTGCACTGAGCAGAATGCAACACTTGTGAAGACT  
GCCAGCCAGAGCACCCCTGGACTACATTGCAGAAAGGATTACTTCAGTCCGTTGGATTGGATTATCAGCC  
AGAACTCTAAGAAAGACTGGATGTGGGAGGATAGCTCAGTTCTTCGCAAGAACGGGATTAATCTTTCTGG  
GAATACAGAAGAAAACATGAATTGTGCTTATCTTCATAATGGAAAAATCCATCCAGCTTCTGTAAAGAG  
AGACATTACTTAATATGTGAGAGAAATGCTGGCATGACAAGAGTGGACCAACTGCTT

**ACGCGT**ACGCGGCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

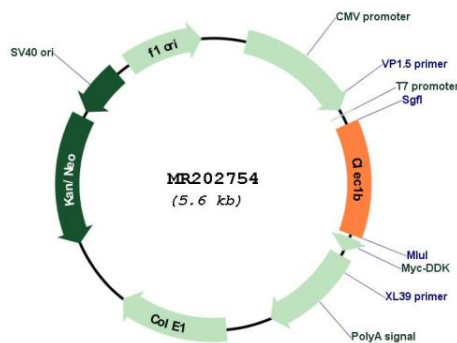


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- Components:** The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
- Reconstitution Method:**
1. Centrifuge at 5,000xg 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\\_019985.3](#)
- RefSeq Size:** 1170 bp
- RefSeq ORF:** 690 bp
- Locus ID:** 56760
- UniProt ID:** [Q9JL99](#)
- Cytogenetics:** 6 F3
- MW:** 26.2 kDa
- Gene Summary:** C-type lectin-like receptor that functions as a platelet receptor for the lymphatic endothelial marker, PDPN. After ligand activation, signals via sequential activation of SRC and SYK tyrosine kinases leading to activation of PLCG2.[UniProtKB/Swiss-Prot Function]

**Product images:**



Circular map for MR202754