

**Specifications:**

Gene:	mClec1b
Accession:	NP_064369
Insert size:	703bp
Concentration:	10µg at 0.2µg/µL

**mCLEC-2/CLEC1B  
cDNA Plasmid**

**Clec1b C-type lectin domain  
family 1, member b [ *Mus  
musculus* (house mouse) ]**

**Also known as:** Clec2; Clec-2;  
1810061I13Rik

**Summary:**

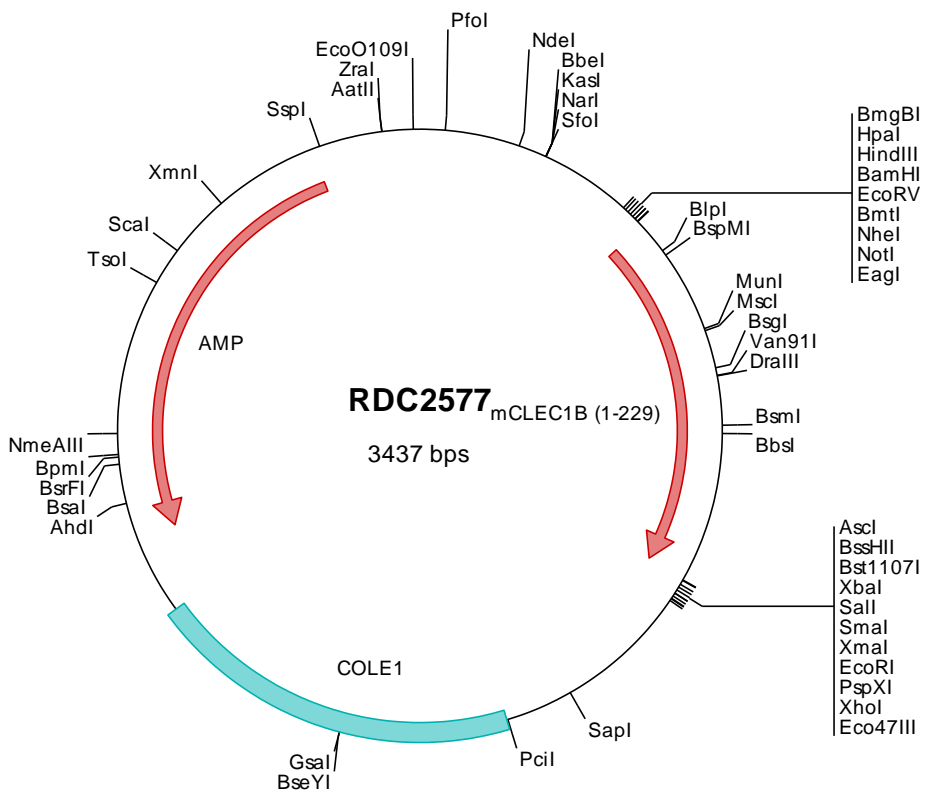
CLEC1B is a type II transmembrane glycoprotein and member of the C-type lectin-like family of receptors. It is expressed in myeloid cells and NK cells. CLEC1B is the receptor for the platelet-aggregating snake venom protein rhodocytin and the molecule podoplanin, a transmembrane sialoglycoprotein that, when bound to CLEC1B, is involved in platelet aggregation, tumor metastasis, and lymphatic vessel formation.

**Description**

This shuttle vector contains the complete ORF for the gene of interest, along with a Kozak consensus sequence for optimal translation initiation. It is inserted NotI to AscI. The gene insert is flanked with convenient multiple cloning sites which can be used to easily cut and transfer the gene cassette into your desired expression vector.

**Preparation and Storage**

**Formulation** cDNA is provided in 10 mM Tris-Cl, pH 8.5  
**Shipping** Ships at ambient temperature  
**Stability** 1 year from date of receipt when stored at -20°C to -80°C  
**Storage** Use a manual defrost freezer and avoid repeated freeze-thaw cycles.



> RDC2577 Plasmid DNA Sequence

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1   tcgctcgcttt  cggatgatgac  ggtgaaaacc  totgacacat  gcagctcccc  gagacgggtca  cagcttgtct  gtaagcggat  gccgggagca  gacaagcccc
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> RDC2577 Translated Insert Sequence

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