

## Product datasheet for MC207144

### DynIrb2 (BC048623) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	DynIrb2 (BC048623) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	DynIrb2
Synonyms:	1700009A04Rik; Dncl2b; DNLC2B
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC048623

Red=Cloning site Blue=ORF Green=Tags(s)

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCCGCGATCGCC

ATGACAGAAGTGGAGGAAACCTCAAGAGAATCCAGAGTCACAAAGGGTCATCGGAACGATGGTGGTCA  
 ATGCAGAAGGCATTCCAATCCGAACAACCTGGACAACCCACAACGGTTCAGTATGCGGGTCTTCTCCA  
 CCAGCTGACCATGAAAGCCAAGAGCACAGTCAGGGATATTGACCCCAAGACGACCTGACTTTTCTTAGG  
 ATCAGATCGAAGAAACATGAAATCATGGTAGCCCCAGAACCCATGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: BC048623

Insert Size: 258 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).



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<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>Note:</b>	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
<b>RefSeq:</b>	<u><a href="#">BC048623</a></u> , <u><a href="#">AAH48623</a></u>
<b>RefSeq Size:</b>	559 bp
<b>RefSeq ORF:</b>	257 bp
<b>Locus ID:</b>	75465
<b>Cytogenetics:</b>	8 E1
<b>Gene Summary:</b>	Acts as one of several non-catalytic accessory components of the cytoplasmic dynein 1 complex that are thought to be involved in linking dynein to cargos and to adapter proteins that regulate dynein function. Cytoplasmic dynein 1 acts as a motor for the intracellular retrograde motility of vesicles and organelles along microtubules.[UniProtKB/Swiss-Prot Function]