

## Product datasheet for RC200812L2

### Cyclin B1 (CCNB1) (NM\_031966) Human Tagged Lenti ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Cyclin B1 (CCNB1) (NM_031966) Human Tagged Lenti ORF Clone
Tag:	mGFP
Symbol:	Cyclin B1
Synonyms:	CCNB
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
E. coli Selection:	Chloramphenicol (34 ug/mL)
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC200812).
Restriction Sites:	SgfI-MluI
Cloning Scheme:	

Cloning sites used for ORF Shuttling:



\* The last codon before the Stop codon of the ORF.



[View online »](#)



<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>RefSeq:</b>	<a href="#">NM_031966.3</a>
<b>RefSeq Size:</b>	2177 bp
<b>RefSeq ORF:</b>	1302 bp
<b>Locus ID:</b>	891
<b>UniProt ID:</b>	<a href="#">P14635</a>
<b>Cytogenetics:</b>	5q13.2
<b>Domains:</b>	cyclin_C, CYCLIN, cyclin
<b>Protein Families:</b>	Druggable Genome, Stem cell - Pluripotency
<b>Protein Pathways:</b>	Cell cycle, Oocyte meiosis, p53 signaling pathway, Progesterone-mediated oocyte maturation
<b>MW:</b>	48.8 kDa
<b>Gene Summary:</b>	The protein encoded by this gene is a regulatory protein involved in mitosis. The gene product complexes with p34(cdc2) to form the maturation-promoting factor (MPF). The encoded protein is necessary for proper control of the G2/M transition phase of the cell cycle. [provided by RefSeq, Aug 2017]