

## Product datasheet for **RC203540L4V**

### **B MyB (MYBL2) (NM\_002466) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	B MyB (MYBL2) (NM_002466) Human Tagged ORF Clone Lentiviral Particle
Symbol:	B MyB
Synonyms:	B-MYB; BMYB
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_002466
ORF Size:	2100 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC203540).
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. <a href="#">More info</a>
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	<a href="#">NM_002466.2</a> , <a href="#">NP_002457.1</a>
RefSeq Size:	2785 bp
RefSeq ORF:	2103 bp
Locus ID:	4605
UniProt ID:	<a href="#">P10244</a>
Cytogenetics:	20q13.12
Domains:	myb_DNA-binding
Protein Families:	Druggable Genome, Stem cell - Pluripotency, Transcription Factors

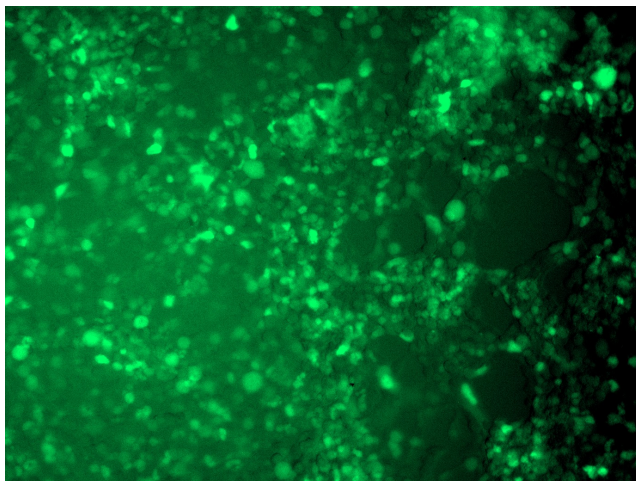


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MW: 78.8 kDa

**Gene Summary:** The protein encoded by this gene, a member of the MYB family of transcription factor genes, is a nuclear protein involved in cell cycle progression. The encoded protein is phosphorylated by cyclin A/cyclin-dependent kinase 2 during the S-phase of the cell cycle and possesses both activator and repressor activities. It has been shown to activate the cell division cycle 2, cyclin D1, and insulin-like growth factor-binding protein 5 genes. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2013]

**Product images:**



[RC203540L4] was used to prepare Lentiviral particles using [TR30037] packaging kit. HEK293T cells were transduced with RC203540L4V particle to overexpress human MYBL2-mGFP fusion protein.