

## Product datasheet for **RC201234L4V**

### **LYL1 (NM\_005583) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	LYL1 (NM_005583) Human Tagged ORF Clone Lentiviral Particle
Symbol:	LYL1
Synonyms:	bHLHa18
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_005583
ORF Size:	840 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC201234).
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_005583.3</a>
RefSeq Size:	1510 bp
RefSeq ORF:	843 bp
Locus ID:	4066
UniProt ID:	<a href="#">P12980</a>
Cytogenetics:	19p13.13
Domains:	HLH
Protein Families:	Druggable Genome, Transcription Factors



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**MW:** 29.8 kDa

**Gene Summary:** This gene represents a basic helix-loop-helix transcription factor. The encoded protein may play roles in blood vessel maturation and hematopoiesis. A translocation between this locus and the T cell receptor beta locus (GeneID 6957) on chromosome 7 has been associated with acute lymphoblastic leukemia. [provided by RefSeq, Sep 2010]