

## Product datasheet for **RC227067L4V**

### **BHLHB9 (NM\_001142530) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	BHLHB9 (NM_001142530) Human Tagged ORF Clone Lentiviral Particle
Symbol:	BHLHB9
Synonyms:	GASP3; p60TRP
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001142530
ORF Size:	1641 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC227067).
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_001142530.1</a> , <a href="#">NP_001136002.1</a>
RefSeq ORF:	1644 bp
Locus ID:	80823
UniProt ID:	<a href="#">Q6PI77</a>
Cytogenetics:	Xq22.1
MW:	60.1 kDa



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**Gene Summary:**

This gene is a member of a gene family which encodes proteins with a basic helix-loop-helix domain. Other members of this gene family encode proteins which function as transcription factors, either enhancing or inhibiting transcription depending on the activity of other DNA binding proteins. The coding region of this gene is located entirely within the terminal exon. The encoded protein may be involved in the survival of neurons (PMID: 15034937). Multiple alternatively spliced variants, encoding the same protein, have been identified. [provided by RefSeq, Sep 2011]