

Product datasheet for **RC222046L4V**

BHLHB5 (BHLHE22) (NM_152414) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	BHLHB5 (BHLHE22) (NM_152414) Human Tagged ORF Clone Lentiviral Particle
Symbol:	BHLHB5
Synonyms:	Beta3; Beta3a; BHLHB5; CAGL85; TNRC20
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_152414
ORF Size:	1143 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC222046).
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. More info
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:	NM_152414.3
RefSeq Size:	3388 bp
RefSeq ORF:	1146 bp
Locus ID:	27319
UniProt ID:	Q8NFJ8
Cytogenetics:	8q12.3
Protein Families:	Druggable Genome
MW:	36.8 kDa



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Gene Summary:

This gene encodes a protein that belongs to the basic helix-loop-helix (bHLH) family of transcription factors that regulate cell fate determination, proliferation, and differentiation. A similar protein in mouse is required for the development of the dorsal cochlear nuclei, and is thought to play a role in in the differentiation of neurons involved in sensory input. The mouse protein also functions in retinogenesis. [provided by RefSeq, Oct 2016]