

Product datasheet for **RC221628L2V**

BACH1 (NM_206866) Human Tagged ORF Clone Lentiviral Particle

Product data:

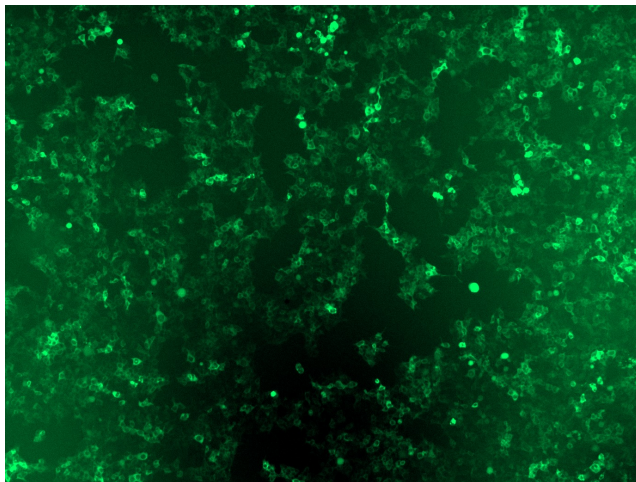
Product Type:	Lentiviral Particles
Product Name:	BACH1 (NM_206866) Human Tagged ORF Clone Lentiviral Particle
Symbol:	BACH1
Synonyms:	BACH-1; BTBD24
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_206866
ORF Size:	2208 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC221628).
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_206866.1
RefSeq Size:	5770 bp
RefSeq ORF:	2211 bp
Locus ID:	571
UniProt ID:	O14867
Cytogenetics:	21q21.3
Protein Families:	Transcription Factors
MW:	82 kDa



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Gene Summary:

This gene encodes a transcription factor that belongs to the cap'n'collar type of basic region leucine zipper factor family (CNC-bZip). The encoded protein contains broad complex, tramtrack, bric-a-brac/poxvirus and zinc finger (BTB/POZ) domains, which is atypical of CNC-bZip family members. These BTB/POZ domains facilitate protein-protein interactions and formation of homo- and/or hetero-oligomers. When this encoded protein forms a heterodimer with MafK, it functions as a repressor of Maf recognition element (MARE) and transcription is repressed. Multiple alternatively spliced transcript variants have been identified for this gene. [provided by RefSeq, May 2009]

Product images:

[RC221628L2] was used to prepare Lentiviral particles using [TR30037] packaging kit. HEK293T cells were transduced with RC221628L2V particle to overexpress human BACH1-mGFP fusion protein.