

## Product datasheet for **RC230535L4V**

### **BACH2 (NM\_001170794) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	BACH2 (NM_001170794) Human Tagged ORF Clone Lentiviral Particle
Symbol:	BACH2
Synonyms:	BTBD25; IMD60
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001170794
ORF Size:	2523 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC230535).
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_001170794.1</a> , <a href="#">NP_001164265.1</a>
RefSeq ORF:	2526 bp
Locus ID:	60468
UniProt ID:	<a href="#">Q9BYV9</a>
Cytogenetics:	6q15
Protein Families:	Druggable Genome, Transcription Factors
MW:	93 kDa



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**Gene Summary:**

Transcriptional regulator that acts as repressor or activator (By similarity). Binds to Maf recognition elements (MARE) (By similarity). Plays an important role in coordinating transcription activation and repression by MAFK (By similarity). Induces apoptosis in response to oxidative stress through repression of the antiapoptotic factor HMOX1 (PubMed:17018862). Positively regulates the nuclear import of actin (By similarity). [UniProtKB/Swiss-Prot Function]