

Product datasheet for **MR210390L4V**

Bach1 (NM_007520) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Bach1 (NM_007520) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Bach1
Synonyms:	6230421P05Rik; AI323795
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_007520
ORF Size:	2217 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR210390).
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_007520.2 , NP_031546.1
RefSeq Size:	5858 bp
RefSeq ORF:	2220 bp
Locus ID:	12013
UniProt ID:	P97302
Cytogenetics:	16 C3.3



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Gene Summary:

Transcriptional regulator that acts as repressor or activator, depending on the context (PubMed:8887638, PubMed:19170764). Binds to NF-E2 DNA binding sites (PubMed:8887638, PubMed:19170764). Play important roles in coordinating transcription activation and repression by MAFK (PubMed:8887638). Together with MAF, represses the transcription of genes under the control of the NFE2L2 oxidative stress pathway (By similarity). [UniProtKB/Swiss-Prot Function]