Product datasheet for RC213735L3V

HOXB9 (NM_024017) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	HOXB9 (NM_024017) Human Tagged ORF Clone Lentiviral Particle
Symbol:	HOXB9
Synonyms:	HOX-2.5; HOX2; HOX2E
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_024017
ORF Size:	750 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC213735).
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_024017.3
RefSeq Size:	2583 bp
RefSeq ORF:	753 bp
Locus ID:	3219
UniProt ID:	P17482
Cytogenetics:	17q21.32
Protein Families:	Transcription Factors
MW:	27.9 kDa

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Gene Summary: This gene is a member of the Abd-B homeobox family and encodes a protein with a homeobox DNA-binding domain. It is included in a cluster of homeobox B genes located on chromosome 17. The encoded nuclear protein functions as a sequence-specific transcription factor that is involved in cell proliferation and differentiation. Increased expression of this gene is associated with some cases of leukemia, prostate cancer and lung cancer. [provided by RefSeq, Jul 2008]