

## Product datasheet for **RC204495L3V**

### HOXB7 (NM\_004502) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	HOXB7 (NM_004502) Human Tagged ORF Clone Lentiviral Particle
Symbol:	HOXB7
Synonyms:	HHO.C1; Hox-2.3; HOX2; HOX2C
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_004502
ORF Size:	651 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC204495).
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_004502.3</a>
RefSeq Size:	1377 bp
RefSeq ORF:	654 bp
Locus ID:	3217
UniProt ID:	<a href="#">P09629</a>
Cytogenetics:	17q21.32
Protein Families:	Transcription Factors
MW:	24 kDa



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**Gene Summary:**

This gene is a member of the Antp 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 melanoma and ovarian carcinoma. [provided by RefSeq, Jul 2008]