

## Product datasheet for **RC204912L1V**

### HOXD1 (NM\_024501) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	HOXD1 (NM_024501) Human Tagged ORF Clone Lentiviral Particle
Symbol:	HOXD1
Synonyms:	Hox-4.7; HOX4; HOX4G
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_024501
ORF Size:	984 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC204912).
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_024501.1</a>
RefSeq Size:	1991 bp
RefSeq ORF:	987 bp
Locus ID:	3231
UniProt ID:	<a href="#">Q9GZZ0</a>
Cytogenetics:	2q31.1
Domains:	homeobox
Protein Families:	Transcription Factors



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**MW:** 34.1 kDa

**Gene Summary:** This gene is a member of the Antp homeobox family and encodes a protein with a homeobox DNA-binding domain. This nuclear protein functions as a sequence-specific transcription factor that is involved in differentiation and limb development. Mutations in this gene have been associated with severe developmental defects on the anterior-posterior (a-p) limb axis. [provided by RefSeq, Jul 2008]