

Product datasheet for **RC201649L3V**

Homeo box C10 (HOXC10) (NM_017409) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Homeo box C10 (HOXC10) (NM_017409) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Homeo box C10
Synonyms:	HOX3I
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_017409
ORF Size:	1026 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC201649).
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_017409.2
RefSeq Size:	2017 bp
RefSeq ORF:	1029 bp
Locus ID:	3226
UniProt ID:	Q9NYD6
Cytogenetics:	12q13.13
Protein Families:	Transcription Factors
MW:	38.1 kDa


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Gene Summary:

This gene belongs to the homeobox family of genes. The homeobox genes encode a highly conserved family of transcription factors that play an important role in morphogenesis in all multicellular organisms. Mammals possess four similar homeobox gene clusters, HOXA, HOXB, HOXC and HOXD, which are located on different chromosomes and consist of 9 to 11 genes arranged in tandem. This gene is one of several homeobox HOXC genes located in a cluster on chromosome 12. The protein level is controlled during cell differentiation and proliferation, which may indicate this protein has a role in origin activation. [provided by RefSeq, Jul 2008]