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Product datasheet for RC210372L1V

HOXC6 (NM_153693) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	HOXC6 (NM_153693) Human Tagged ORF Clone Lentiviral Particle
Symbol:	HOXC6
Synonyms:	CP25; HHO.C8; HOX3; HOX3C
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_153693
ORF Size:	459 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC210372).
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_153693.1
RefSeq Size:	1869 bp
RefSeq ORF:	462 bp
Locus ID:	3223
UniProt ID:	P09630
Cytogenetics:	12q13.13
Domains:	homeobox
Protein Families:	Transcription Factors

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MW: 17.7 kDa

Gene Summary: This gene belongs to the homeobox family, members of which 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, HOXC6, is one of several HOXC genes located in a cluster on chromosome 12. Three genes, HOXC5, HOXC4 and HOXC6, share a 5' non-coding exon. Transcripts may include the shared exon spliced to the gene-specific exons, or they may include only the gene-specific exons. Alternatively spliced transcript variants encoding different isoforms have been identified for HOXC6. Transcript variant two includes the shared exon, and transcript variant one includes only gene-specific exons. [provided by RefSeq, Jul 2008]