

Product datasheet for **RC208797L4V**

DLX1 (NM_001038493) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	DLX1 (NM_001038493) Human Tagged ORF Clone Lentiviral Particle
Symbol:	DLX1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001038493
ORF Size:	387 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC208797).
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_001038493.1
RefSeq Size:	2203 bp
RefSeq ORF:	390 bp
Locus ID:	1745
UniProt ID:	P56177
Cytogenetics:	2q31.1
Protein Families:	ES Cell Differentiation/IPS, Transcription Factors
MW:	13.5 kDa



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Gene Summary:

This gene encodes a member of a homeobox transcription factor gene family similar to the *Drosophila* distal-less gene. The encoded protein is localized to the nucleus where it may function as a transcriptional regulator of signals from multiple TGF- β superfamily members. The encoded protein may play a role in the control of craniofacial patterning and the differentiation and survival of inhibitory neurons in the forebrain. This gene is located in a tail-to-tail configuration with another member of the family on the long arm of chromosome 2. Alternatively spliced transcript variants encoding different isoforms have been described. [provided by RefSeq, Jul 2008]