

Product datasheet for RC218002L2

CDX4 (NM_005193) Human Tagged Lenti ORF Clone

Product data:

OriGene Technologies, Inc.

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Product Type:	Expression Plasmids					
Product Name:	CDX4 (NM_005193) Human Tagged Lenti ORF Clone					
Tag:	mGFP					
Symbol:	CDX4					
Mammalian Cell Selection:	None					
Vector:	pLenti-C-mGFP (PS100071)					
E. coli Selection:	Chloramphenicol (34 ug/mL)					
ORF Nucleotide Sequence:	The ORF insert	t of th	is clone	is exact	tly the sam	ne as(RC218002).
Restriction Sites:	Sgfl-Mlul					
Cloning Scheme:		Cloning sit	es used for ORF Sh	uttling:		
		[Sgf I GCG ATC GC C ATG		Mlu I ACG CGT	
					Kozak Consensus	
		EcoR I	BamH I	RBS	Sgf I	ORF

 $\begin{array}{c} \text{CTATAGGGCGGCCGGGAATTCGTCGATCGATCGGATCCGGTACCGGAGATCGCCGCGGGCGCGCGGATCGC C ATG \cdots \cdots \cdots \\ \hline Mlu l & Not l & Xho l & \text{mGFP Tag} \\ \hline \textbf{MGFP Tag} & \textbf{MGFP Tag} \\ \hline \textbf{MGFP Tag tag a transformation tag a$

* The last codon before the Stop codon of the ORF.

ACCN: ORF Size: NM_005193 852 bp



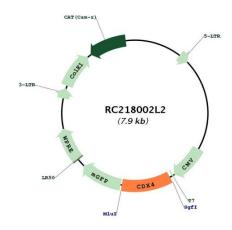
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CDX4	(NM_005193) Human Tagged Lenti ORF Clone – RC218002L2
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ 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. <u>More info</u>
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	 Centrifuge at 5,000xg for 5min. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. Close the tube and incubate for 10 minutes at room temperature. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM 005193.1, NP 005184.1</u>
RefSeq Size:	855 bp
RefSeq ORF:	855 bp
Locus ID:	1046
UniProt ID:	<u>014627</u>
Cytogenetics:	Xq13.2
Protein Families:	Druggable Genome, ES Cell Differentiation/IPS, Transcription Factors
MW:	30.3 kDa
Gene Summary:	This gene encodes a member of a small subfamily of homeobox containing transcription factors. The encoded protein may regulate homeobox gene expression during anteroposterior patterning and hematopoiesis. [provided by RefSeq, Aug 2012]

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Product images:



Circular map for RC218002L2

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