

# Product datasheet for RR215679L4

## Dlx1 (NM\_001100531) Rat Tagged Lenti ORF Clone

### **Product data:**

#### OriGene Technologies, Inc.

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Product Type:	Expression Plasmids
Product Name:	Dlx1 (NM_001100531) Rat Tagged Lenti ORF Clone
Tag:	mGFP
Symbol:	Dlx1
Synonyms:	MGC189409
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
E. coli Selection:	Chloramphenicol (34 ug/mL)
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RR215679).
<b>Restriction Sites:</b>	Sgfl-Rsrll
Cloning Scheme:	
-	Cloning sites used for ORF Shuttling:
	Sgf I         ORF         Rsr II            GCG ATC GC         ATG // NNN AGC GGA CCG
	Name and the second sec

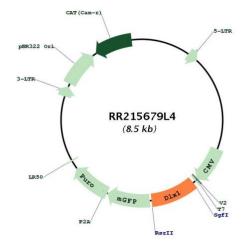
										_	Koza Conse	ak nsus	_				
	EcoR I		1	Bam	нı		RI	35			5	gf I				OF	۲F
CTATAGGGCGGCCG	GGAATT	GTC	GACT	GGAT	ccGe	TACC	GAG	GAGA	тстб	ccGC	caca	ATCG	C C A	rg -			-
	Rsr II Mlu I			Noti <u>Xhoi</u>				mGFP Tag									
NNŇ	AGC GGA										AGC						
	S G	Ρ	т	R	τ	R	Ρ	L	E	м	S	G	G	-	-	-	-
GGA CTC /		TGG	GTA	GGA	AGC												
G L	R V																

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



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#### Plasmid Map:



ACCN:	NM_001100531
ORF Size:	765 bp
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:	<ol> <li>Centrifuge at 5,000xg for 5min.</li> <li>Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>Close the tube and incubate for 10 minutes at room temperature.</li> <li>Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
RefSeq:	<u>NM 001100531.1, NP 001094001.1</u>
RefSeq Size:	2757 bp
RefSeq ORF:	768 bp

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Locus ID:	296500						
Cytogenetics:	3q23						

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