

Product datasheet for RR202204L4

Dmrt2 (NM_001107597) Rat Tagged Lenti ORF Clone

Product data:

OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

Product Type:	Expression Plasmids						
Product Name:	Dmrt2 (NM_001107597) Rat Tagged Lenti ORF Clone						
Tag:	mGFP						
Symbol:	Dmrt2						
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(RR202204).						
Restriction Sites:	Sgfl-Mlul						
Cloning Scheme:	Cloning sites used for ORF Shuttling: Sgf I ORF M/u I GCG ATC GC C ATG// NNN ACG CGT						
	Kazk						

								_	Koza Conser		_			
EcoR I		Bam	HI		RE	s			5	gf I			0	RF
CTATAGGGCGGCCGGGAATTCGTC	GACT	GGAT	CCGG	TACC	GAG	GAGA	TCTG	CCGC	cGCG	ATCG		rg -	 	
	м	lu I		,	lot I	Xł	no I		m	GFP	Tag			
NNŇ	ACG	CGT	ACG	CGG	000	CTC	GAG	ATG	AGC	666	ccc		 	
	T	R	Т	R	P	Ľ	E	M	s	G	G	-	-	-

--- --- GGA CTC AGA GTT TGG GTA GGA AGC - - G L R V

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

ACCN: ORF Size: NM_001107597 1680 bp



This product is to be used for laboratory only. Not for diagnostic or therapeutic use. ©2023 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US

ORIGENE Dmrt2	(NM_001107597) Rat Tagged Lenti ORF Clone – RR202204L4
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 001107597.1</u>
RefSeq Size:	2331 bp
RefSeq ORF:	1683 bp
Locus ID:	309430
Cytogenetics:	1q51

This product is to be used for laboratory only. Not for diagnostic or therapeutic use. ©2023 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US