

# Product datasheet for MR202082L4

### Cdca4 (BC012953) Mouse 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:	Cdca4 (BC012953) Mouse Tagged Lenti ORF Clone						
Tag:	mGFP						
Symbol:	Cdca4						
Synonyms:	2410018C03Rik; HEPP; SEI-3						
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(MR202082).						
<b>Restriction Sites:</b>	Sgfl-Mlul						
Cloning Scheme:							
	Cloning sites used for ORF Shuttling:						
	Sgf i         ORF         Miu i            GCG ATC GC         ATG // NNN         ACG CGT						

5-04								_	Koza	nsus	_				_	
EcoR I	BamH I			RBS				Sgfl				ORF				
CTATAGGGCGGCCGGGAATTCGTC	GACTO	GAT	ccGd	STACC	GAGO	GAGA	TCTG	CCGC	CGCG	ATCG	C C AT	rg			-	
	Mlu I			Notl_Xhol				mGFP Tag								
NNŇ	ACG	CGT	ACG	CGG	CCG	стс	GAG	ATG	AGC	GGG	GGC					
	т	R	т	R	Р	L	E	M	S	G	G	-	-	-	-	
GGA CTC AGA GTT TGG G L R V	GTA (	GGA A	AGC													

ACCN: ORF Size: BC012953 606 bp



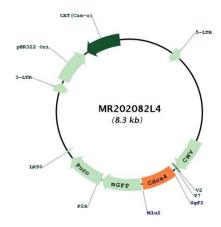
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\* The last codon before the Stop codon of the ORF.

<b>ORÎGENE</b> Cdca	4 (BC012953) Mouse Tagged Lenti ORF Clone – MR202082L4
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>BC012953, AAH12953</u>
RefSeq Size:	1856 bp
RefSeq ORF:	608 bp
Locus ID:	71963
Cytogenetics:	12 F1
Gene Summary:	May participate in the regulation of cell proliferation through the E2F/RB pathway (By similarity). May be involved in molecular regulation of hematopoietic stem cells and progenitor cell lineage commitment and differentiation.[UniProtKB/Swiss-Prot Function]

## Product images:



Circular map for MR202082L4

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