

Product datasheet for RR204166L4

Cbr1 (NM_019170) 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:	Cbr1 (NM_019170) Rat Tagged Lenti ORF Clone					
Tag:	mGFP					
Symbol:	Cbr1					
Synonyms:	Cbr					
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(RR204166).					
Restriction Sites:	Sgfl-Mlul					
Cloning Scheme:	Cloning sites used for ORF Shuttling: Sgf I ORF MIU I GCG ATC GC ATG// NNŇ ACG CGT					

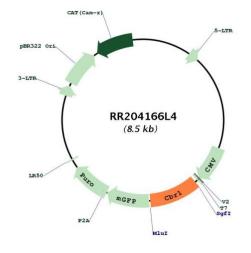
									Koza Conse	ak nsus	_				
EcoR I		Bam	нı		RI	35			s	gf I				o	RF
CTATAGGGCGGCCGGGAATTCGT	CGACT	GGAT	ccGe	ТАСС	GAG	GAGA	тстб	CCGC	cGCG	ATCG	C C A	rg			• •
	м	u I		,	lot I	XI	no I		m	GFP	Tag				
NNI	ACG		ACG			стс			AGC	GGG					
	т	R	т	R	Ρ	L	E	м	S	G	G	-	-	-	-
GGA CTC AGA GTT TO	G GTA	GGA	AGC												

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



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

Plasmid Map:



ACCN:	NM_019170
ORF Size:	831 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:	 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 019170.2, NP 062043.1</u>
RefSeq Size:	997 bp
RefSeq ORF:	834 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

	Cbr1 (NM_019170) Rat Tagged Lenti ORF Clone – RR204166L4
Locus ID:	29224
UniProt ID:	<u>P47727</u>
Cytogenetics:	11q11
Gene Summary:	NADPH-dependent oxidoreductase that may be involved in ovarian follicular development [RGD, Feb 2006]

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