

# Product datasheet for RR208545L4

## Ero1a (NM\_138528) 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:	Ero1a (NM_138528) Rat Tagged Lenti ORF Clone					
Tag:	mGFP					
Symbol:	Ero1a					
Synonyms:	Ero1l					
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(RR208545).					
<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					

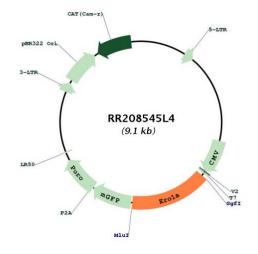
							zak sensus	_				
EcoR I	Ban	nH I	RE	35			Sgf I				OF	₹F
CTATAGGGCGGCCGGGAATTCGTC	GACTGGA	тссбат	ACCGAGO	GAGATO	стасс	cacca	GATCG	C C A	TG -			
	Mlu I		Not I	_Xho	1		mGFP	Tag				
NNŇ	ACG CG T R		GG CCG R P	CTC G		ATG AG M S	c GGG G	GGC G		- :-	11	-:-
GGA CTC AGA GTT TGO	G GTA GGA	AGC										

\* 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_138528
ORF Size:	1392 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 138528.1, NP 612537.1</u>
RefSeq Size:	2361 bp
RefSeq ORF:	1395 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

	GENE Ero1a (NM_138528) Rat Tagged Lenti ORF Clone – RR208545L4				
Locus ID:	171562				
UniProt ID:	<u>Q8R4A1</u>				
Cytogenetics:	15p14				
Gene Summary:	may function in ischemia-induced neuronal repair; may be involved in offsetting abnormalities in protein folding, distribution, or maturation [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