

Product datasheet for RR209625L3

Erc1 (NM_170788) Rat Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: Erc1 (NM_170788) Rat Tagged Lenti ORF Clone

Tag: Myc-DDK

Symbol: Erc1

Synonyms: CAST; Cast2; Elks; ERC; ERC1b; Rab6ip2

Mammalian Cell Puromycin

Selection:

Vector: pLenti-C-Myc-DDK-P2A-Puro (PS100092)

E. coli Selection: Chloramphenicol (34 ug/mL)

ORF Nucleotide The ORF insert of this clone is exactly the same as(RR209625).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





^{*} The last codon before the Stop codon of the ORF.



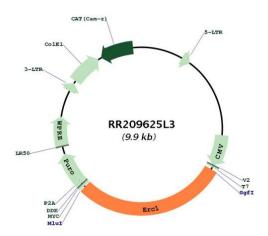
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Plasmid Map:



ACCN: NM_170788 **ORF Size:** 2844 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. More info

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: 1. Centrifuge at 5,000xg for 5min.

2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.

3. Close the tube and incubate for 10 minutes at room temperature.

4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid

at the bottom.

5. 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 170788.2</u>, <u>NP 740769.2</u>

RefSeq Size: 3429 bp RefSeq ORF: 2847 bp



Erc1 (NM_170788) Rat Tagged Lenti ORF Clone - RR209625L3

 Locus ID:
 266806

 UniProt ID:
 Q811U3

 Cytogenetics:
 4q42

Gene Summary: bind to the conserved PDZ domain of presynaptic active zone proteins termed RIMs [RGD,

Feb 2006]