

Product datasheet for RR201434L4

Syt4 (NM_031693) Rat Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: Syt4 (NM_031693) Rat Tagged Lenti ORF Clone

Tag: mGFP Symbol: Syt4

Mammalian Cell Puromycin

Selection:

Vector:

pLenti-C-mGFP-P2A-Puro (PS100093)

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

ORF Nucleotide The

The ORF insert of this clone is exactly the same as(RR201434).

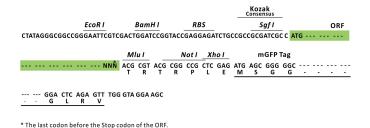
Sequence:

ACCN:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





NM_031693

ORF Size: 1275 bp



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Syt4 (NM_031693) Rat Tagged Lenti ORF Clone - RR201434L4

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 031693.2</u>

 RefSeq Size:
 3877 bp

 RefSeq ORF:
 1278 bp

 Locus ID:
 64440

 UniProt ID:
 P50232

 Cytogenetics:
 18p12

Gene Summary: may play a role in synaptic vesicle transport; may be involved in synaptic changes in response

to seizure activity [RGD, Feb 2006]