

Product datasheet for RR211991L3

Slc1a6 (NM_032065) Rat Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: Slc1a6 (NM_032065) Rat Tagged Lenti ORF Clone

Tag:Myc-DDKSymbol:Slc1a6

Synonyms: EAAT4

Selection:

Mammalian Cell

Puromycin

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

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

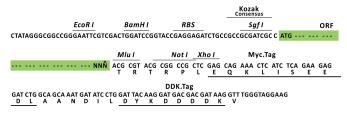
ORF Nucleotide The ORF insert of this clone is exactly the same as(RR211991).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





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

ACCN: NM_032065

ORF Size: 1683 bp



OriGene Technologies, Inc. 9620 Medical Center Drive, Ste 200

CN: techsupport@origene.cn

Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com



Slc1a6 (NM_032065) Rat Tagged Lenti ORF Clone - RR211991L3

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: NM 032065.1, NP 114454.1

 RefSeq Size:
 2013 bp

 RefSeq ORF:
 1686 bp

 Locus ID:
 84012

 UniProt ID:
 035921

 Cytogenetics:
 7q11

Gene Summary: mediates cotransport of one glutamate molecule with three Na+ ions and one H+ with

countertransport of one K+ ion; also has a voltage gated anion transporter activity that is

modified by glutamate [RGD, Feb 2006]