

Product datasheet for RR205888L3

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

Slc11a1 (NM_001031658) Rat Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: Slc11a1 (NM_001031658) Rat Tagged Lenti ORF Clone

Tag: Myc-DDK
Symbol: Slc11a1

Synonyms: Bcg; ltg; Lsh; Nramp1

Mammalian Cell Puromycin

Selection:

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

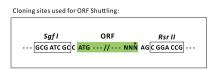
E. coli Selection: Chloramphenicol (34 ug/mL)

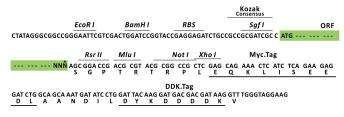
ORF Nucleotide The ORF insert of this clone is exactly the same as(RR205888).

Sequence:

Sgfl-RsrII

Restriction Sites: Cloning Scheme:





 $[\]ensuremath{^*}$ The last codon before the Stop codon of the ORF.

ACCN: NM_001031658

ORF Size: 1521 bp





Slc11a1 (NM_001031658) Rat Tagged Lenti ORF Clone - RR205888L3

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 001031658.1, NP 001026828.1</u>

 RefSeq Size:
 2012 bp

 RefSeq ORF:
 1524 bp

 Locus ID:
 316519

 UniProt ID:
 P70553

 Cytogenetics:
 9q33

Gene Summary: putative metal ion transporter; mouse homolog is a macrophage protein associated with

resistance or susceptibility to intracellular pathogens [RGD, Feb 2006]