

Product datasheet for RC219698L4

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OriGene Technologies, Inc.

SLC6A6 (NM_003043) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: SLC6A6 (NM_003043) Human Tagged Lenti ORF Clone

Tag:mGFPSymbol:SLC6A6Synonyms:TAUT

Mammalian Cell Puromycin

Selection:

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

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

ORF Nucleotide The ORF insert of this clone is exactly the same as(RC219698).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





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

ACCN: NM_003043

ORF Size: 1860 bp



SLC6A6 (NM_003043) Human Tagged Lenti ORF Clone - RC219698L4

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 003043.2</u>, <u>NP 003034.2</u>

 RefSeq Size:
 6547 bp

 RefSeq ORF:
 1863 bp

 Locus ID:
 6533

 UniProt ID:
 P31641

Cytogenetics: 3p25.1

Domains:

Protein Families: Druggable Genome, Transmembrane

SNF

MW: 70.3 kDa

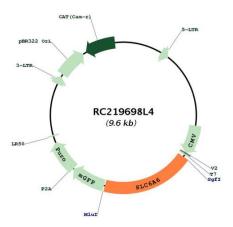
Gene Summary: This gene encodes a multi-pass membrane protein that is a member of a family of sodium

and chloride-ion dependent transporters. The encoded protein transports taurine and betaalanine. There is a pseudogene for this gene on chromosome 21. Alternative splicing results

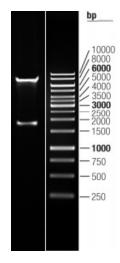
in multiple transcript variants. [provided by RefSeq, May 2013]



Product images:



Circular map for RC219698L4



Double digestion of RC219698L4 using Sgfl and Mlul $\,$