

## Product datasheet for RC201980L3

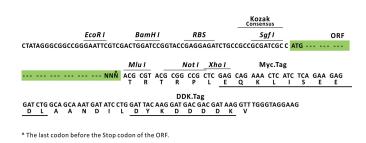
## SLC31A1 (NM\_001859) Human Tagged Lenti ORF Clone

## **Product data:**

## OriGene Technologies, Inc.

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Product Type:	Expression Plasmids
Product Name:	SLC31A1 (NM_001859) Human Tagged Lenti ORF Clone
Tag:	Myc-DDK
Symbol:	SLC31A1
Synonyms:	COPT1; CTR1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
E. coli Selection:	Chloramphenicol (34 ug/mL)
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC201980).
<b>Restriction Sites:</b>	Sgfl-Mlul
Cloning Scheme:	
	Cloning sites used for ORF Shuttling:
	Sgf I         ORF         Mlu I            GCG ATC GCC         ATG / / NNÑ         ACG CGT



ACCN: ORF Size: NM\_001859 570 bp



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SLC31A1 (NM_001859) Human Tagged Lenti ORF Clone – RC201980L3	
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. <u>More info</u>
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:	<ol> <li>Centrifuge at 5,000xg for 5min.</li> <li>Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>Close the tube and incubate for 10 minutes at room temperature.</li> <li>Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
RefSeq:	<u>NM 001859.2</u>
RefSeq Size:	4735 bp
RefSeq ORF:	573 bp
Locus ID:	1317
UniProt ID:	<u>015431</u>
Cytogenetics:	9q32
Domains:	Ctr
Protein Families:	Transmembrane
MW:	20.9 kDa
Gene Summary:	The protein encoded by this gene is a high-affinity copper transporter found in the cell membrane. The encoded protein functions as a homotrimer to effect the uptake of dietary copper. [provided by RefSeq, Aug 2011]

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