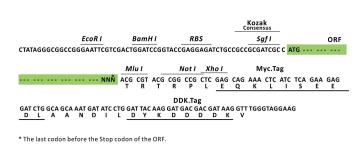


Product datasheet for RC224118L3

SLC6A17 (NM_001010898) Human Tagged Lenti ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SLC6A17 (NM_001010898) Human Tagged Lenti ORF Clone
Tag:	Myc-DDK
Symbol:	SLC6A17
Synonyms:	MRT48; NTT4
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(RC224118).
Restriction Sites:	Sgfl-Mlul
Cloning Scheme:	
	Cloning sites used for ORF Shuttling:
	Sgfi ORF Mlui



--- GCG ATC GC ATG --- // --- NNN ACG CGT ---

ACCN: ORF Size: NM_001010898 2181 bp

OriGene Technologies, Inc.

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SLC6A17 (NM_001010898) Human Tagged Lenti ORF Clone – RC224118L3	
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:	 Centrifuge at 5,000xg for 5min. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. Close the tube and incubate for 10 minutes at room temperature. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 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 001010898.1</u>
RefSeq Size:	6420 bp
RefSeq ORF:	2184 bp
Locus ID:	388662
UniProt ID:	<u>Q9H1V8</u>
Cytogenetics:	1p13.3
Protein Families:	Druggable Genome, Transmembrane
MW:	80.8 kDa
Gene Summary:	The protein encoded by this gene is a member of the SLC6 family of transporters, which are responsible for the presynaptic uptake of most neurotransmitters. The encoded vesicular transporter is selective for proline, glycine, leucine and alanine. In mouse, the strongest expression of this gene was in cortical and hippocampal tissues where expression increased during embryonic brain development and peaked postnatally. Defects in this gene cause a form of autosomal recessive intellectual disability. [provided by RefSeq, Jul 2017]

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