

## Product datasheet for **RC224118L4V**

### SLC6A17 (NM\_001010898) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	SLC6A17 (NM_001010898) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SLC6A17
Synonyms:	MRT48; NTT4
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001010898
ORF Size:	2181 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC224118).
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. <a href="#">More info</a>
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	<a href="#">NM_001010898.1</a>
RefSeq Size:	6420 bp
RefSeq ORF:	2184 bp
Locus ID:	388662
UniProt ID:	<a href="#">Q9H1V8</a>
Cytogenetics:	1p13.3
Protein Families:	Druggable Genome, Transmembrane
MW:	80.8 kDa



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**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]