

## Product datasheet for **RC201961L4V**

### SLC16A5 (NM\_004695) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	SLC16A5 (NM_004695) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SLC16A5
Synonyms:	MCT5; MCT6
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_004695
ORF Size:	1515 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC201961).
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_004695.2</a> , <a href="#">NP_004686.1</a>
RefSeq Size:	1940 bp
RefSeq ORF:	1518 bp
Locus ID:	9121
UniProt ID:	<a href="#">O15375</a>
Cytogenetics:	17q25.1
Protein Families:	Transmembrane
MW:	55 kDa



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**Gene Summary:**

This gene encodes a member of the monocarboxylate transporter family and the major facilitator superfamily. The encoded protein is localized to the cell membrane and acts as a proton-linked transporter of bumetanide. Transport by the encoded protein is inhibited by four loop diuretics, nateglinide, thiazides, probenecid, and glibenclamide. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Nov 2012]