

Product datasheet for **RC207954L4V**

SLC22A16 (NM_033125) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	SLC22A16 (NM_033125) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SLC22A16
Synonyms:	CT2; dj261K5.1; FLIPT2; HEL-S-18; OAT6; OCT6; OKB1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_033125
ORF Size:	1731 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC207954).
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.
RefSeq:	NM_033125.2
RefSeq Size:	1997 bp
RefSeq ORF:	1734 bp
Locus ID:	85413
UniProt ID:	Q86VW1
Cytogenetics:	6q21-q22.1
Protein Families:	Transmembrane
MW:	64.6 kDa



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Gene Summary:

This gene encodes a member of the organic zwitterion transporter protein family which transports carnitine. The encoded protein has also been shown to transport anticancer drugs like bleomycin (PMID: 20037140) successful treatment has been correlated with the level of activity of this transporter in tumor cells. [provided by RefSeq, Dec 2011]