

Product datasheet for **RC206102L3V**

SLC46A3 (NM_181785) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	SLC46A3 (NM_181785) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SLC46A3
Synonyms:	FKSG16
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_181785
ORF Size:	1383 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC206102).
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_181785.1
RefSeq Size:	3372 bp
RefSeq ORF:	1386 bp
Locus ID:	283537
UniProt ID:	Q7Z3Q1
Cytogenetics:	13q12.3
Protein Families:	Transmembrane
MW:	51.6 kDa



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Gene Summary:

The protein encoded by this gene is a member of a transmembrane protein family that transports small molecules across membranes. The encoded protein has been found in lysosomal membranes, where it can transport catabolites from the lysosomes to the cytoplasm. This protein has been shown to be an effective transporter of the cytotoxic drug maytansine, which is used in antibody-based targeting of cancer cells. [provided by RefSeq, Dec 2016]