

Product datasheet for **RC214298L4V**

TM6SF2 (NM_001001524) Human Tagged ORF Clone Lentiviral Particle

Product data:

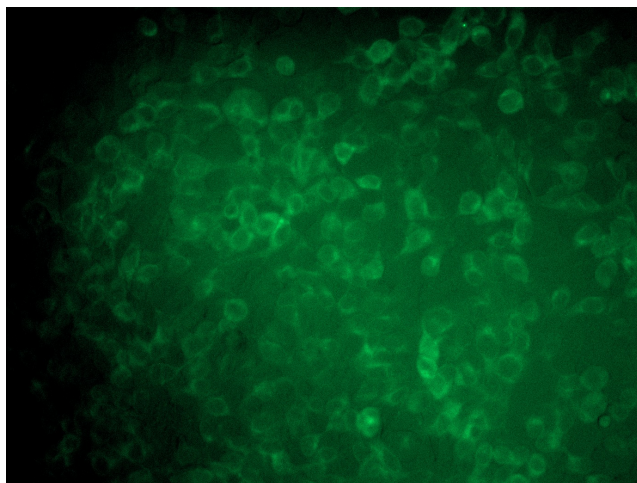
Product Type:	Lentiviral Particles
Product Name:	TM6SF2 (NM_001001524) Human Tagged ORF Clone Lentiviral Particle
Symbol:	TM6SF2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001001524
ORF Size:	1131 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC214298).
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_001001524.2
RefSeq Size:	1483 bp
RefSeq ORF:	1134 bp
Locus ID:	53345
UniProt ID:	Q9BZW4
Cytogenetics:	19p13.11
Protein Families:	Transmembrane
MW:	42.4 kDa



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Gene Summary: Regulator of liver fat metabolism influencing triglyceride secretion and hepatic lipid droplet content (PubMed:24531328, PubMed:24927523). May function as sterol isomerase (PubMed:25566323).[UniProtKB/Swiss-Prot Function]

Product images:



[RC214298L4] was used to prepare Lentiviral particles using [TR30037] packaging kit. HEK293T cells were transduced with RC214298L4V particle to overexpress human TM6SF2-mGFP fusion protein.