

## Product datasheet for **RC214472L4V**

### MFSD2B (NM\_001080473) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	MFSD2B (NM_001080473) Human Tagged ORF Clone Lentiviral Particle
Symbol:	MFSD2B
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001080473
ORF Size:	1491 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC214472).
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_001080473.1</a> , <a href="#">NP_001073942.1</a>
RefSeq Size:	1508 bp
RefSeq ORF:	1494 bp
Locus ID:	388931
Cytogenetics:	2p23.3
Protein Families:	Transmembrane
MW:	52.8 kDa


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**Gene Summary:**

Cation-dependent lipid transporter that specifically mediates export of sphingosine-1-phosphate in red blood cells and platelets (PubMed:29045386). Sphingosine-1-phosphate is a signaling sphingolipid and its export from red blood cells into the plasma is required for red blood cell morphology (By similarity). Does not transport lysophosphatidylcholine (LPC) (By similarity).[UniProtKB/Swiss-Prot Function]