

## Product datasheet for **RC226884L3V**

### MFSD2A (NM\_001136493) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	MFSD2A (NM_001136493) Human Tagged ORF Clone Lentiviral Particle
Symbol:	MFSD2A
Synonyms:	MCPH15; MFSD2; NEDMISBA; NLS1; SLC59A1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_001136493
ORF Size:	1629 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC226884).
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_001136493.2</a>
RefSeq Size:	2231 bp
RefSeq ORF:	1632 bp
Locus ID:	84879
UniProt ID:	<a href="#">Q8NA29</a>
Cytogenetics:	1p34.2
Protein Families:	Transmembrane
MW:	60.2 kDa



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**Gene Summary:**

The protein encoded by this gene is a transmembrane protein and sodium-dependent lysophosphatidylcholine transporter. The encoded protein is involved in the establishment of the blood-brain barrier and is required for brain growth and function. Defects in this gene are a cause of a progressive microcephaly syndrome. [provided by RefSeq, Mar 2017]