

## Product datasheet for RC206118L4

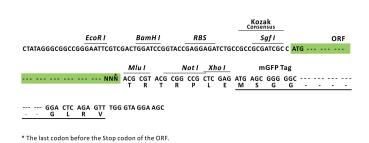
## MFSD8 (NM\_152778) Human Tagged Lenti ORF Clone

## **Product data:**

## OriGene Technologies, Inc.

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Expression Plasmids
MFSD8 (NM_152778) Human Tagged Lenti ORF Clone
mGFP
MFSD8
CCMD; CLN7
Puromycin
pLenti-C-mGFP-P2A-Puro (PS100093)
Chloramphenicol (34 ug/mL)
The ORF insert of this clone is exactly the same as(RC206118).
Sgfl-Mlul
Cloning sites used for ORF Shuttling: Sgf I ORF Mlu I GCG ATC GC C ATG NNN ACG CGT



ACCN: ORF Size: NM\_152778 1554 bp



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	(NM_152778) Human Tagged Lenti ORF Clone – RC206118L4
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. <u>More info</u>
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol> <li>Centrifuge at 5,000xg for 5min.</li> <li>Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>Close the tube and incubate for 10 minutes at room temperature.</li> <li>Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.</li> </ol>
RefSeq:	<u>NM 152778.1</u>
RefSeq Size:	4562 bp
RefSeq ORF:	1557 bp
Locus ID:	256471
UniProt ID:	Q8NHS3
Cytogenetics:	4q28.2
Domains:	sugar_tr
Protein Families:	Transmembrane
Protein Pathways:	Lysosome
MW:	57.6 kDa
Gene Summary:	This gene encodes a ubiquitous integral membrane protein that contains a transporter domain and a major facilitator superfamily (MFS) domain. Other members of the major facilitator superfamily transport small solutes through chemiosmotic ion gradients. The substrate transported by this protein is unknown. The protein likely localizes to lysosomal

facilitator superfamily transport small solutes through chemiosmotic ion gradients. The substrate transported by this protein is unknown. The protein likely localizes to lysosomal membranes. Mutations in this gene are correlated with a variant form of late infantile-onset neuronal ceroid lipofuscinoses (vLINCL). [provided by RefSeq, Oct 2008]

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