

Product datasheet for **RC207184L4V**

Mitofusin 1 (MFN1) (NM_033540) Human Tagged ORF Clone Lentiviral Particle

Product data:

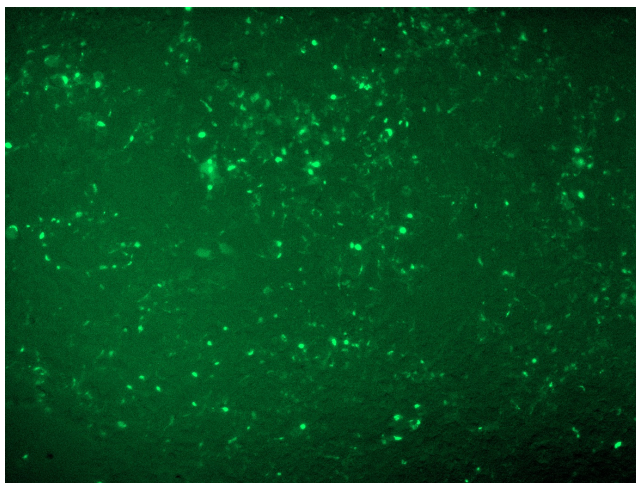
Product Type:	Lentiviral Particles
Product Name:	Mitofusin 1 (MFN1) (NM_033540) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Mitofusin 1
Synonyms:	hfzo1; hfzo2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_033540
ORF Size:	2223 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC207184).
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_033540.2
RefSeq Size:	3527 bp
RefSeq ORF:	2226 bp
Locus ID:	55669
UniProt ID:	Q8IWA4
Cytogenetics:	3q26.33
Domains:	fzo_mitofusin
MW:	84.2 kDa



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Gene Summary:

The protein encoded by this gene is a mediator of mitochondrial fusion. This protein and mitofusin 2 are homologs of the Drosophila protein fuzzy onion (Fzo). They are mitochondrial membrane proteins that interact with each other to facilitate mitochondrial targeting. [provided by RefSeq, Jul 2008]

Product images:

[RC207184L4] was used to prepare Lentiviral particles using [TR30037] packaging kit. HEK293T cells were transduced with RC207184L4V particle to overexpress human MFN1-mGFP fusion protein.