

Product datasheet for **RC216114L4V**

Mitofilin (IMMT) (NM_001100169) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Mitofilin (IMMT) (NM_001100169) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Mitofilin
Synonyms:	HMP; Mic60; MICOS60; MINOS2; P87; P87/89; P89; PIG4; PIG52
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001100169
ORF Size:	2271 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC216114).
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_001100169.1 , NP_001093639.1
RefSeq Size:	3015 bp
RefSeq ORF:	2274 bp
Locus ID:	10989
UniProt ID:	Q16891
Cytogenetics:	2
MW:	83.5 kDa



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Gene Summary:

Component of the MICOS complex, a large protein complex of the mitochondrial inner membrane that plays crucial roles in the maintenance of crista junctions, inner membrane architecture, and formation of contact sites to the outer membrane. Plays an important role in the maintenance of the MICOS complex stability and the mitochondrial cristae morphology (PubMed:22114354, PubMed:25781180).[UniProtKB/Swiss-Prot Function]