

Product datasheet for RC216228L4V

OriGene Technologies, Inc.

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Mitofilin (IMMT) (NM_001100170) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type: Lentiviral Particles

Product Name: Mitofilin (IMMT) (NM_001100170) 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_001100170

ORF Size: 2241 bp

ORF Nucleotide

_. _.

Sequence:

The ORF insert of this clone is exactly the same as(RC216228).

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.

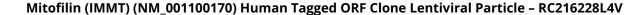
RefSeq: NM 001100170.1, NP 001093640.1

RefSeq Size: 2985 bp
RefSeq ORF: 2244 bp
Locus ID: 10989
UniProt ID: Q16891

Cytogenetics: 2

MW: 82.4 kDa







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]