

Product datasheet for **RC202349L3V**

QIL1 (C19orf70) (NM_205767) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	QIL1 (C19orf70) (NM_205767) Human Tagged ORF Clone Lentiviral Particle
Symbol:	QIL1
Synonyms:	C19orf70; MIC13; P117; QIL1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_205767
ORF Size:	354 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC202349).
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_205767.1
RefSeq Size:	943 bp
RefSeq ORF:	357 bp
Locus ID:	125988
UniProt ID:	Q5XKP0
Cytogenetics:	19p13.3
MW:	13.1 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. Constituent of mature MICOS complex, it is required for the formation of cristae junction (CJ) and maintenance of cristae morphology. Required for the incorporation of MICOS10/MIC10 into the MICOS complex.[UniProtKB/Swiss-Prot Function]