

## Product datasheet for **RC204923L3V**

### MIR16 (GDE1) (NM\_016641) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	MIR16 (GDE1) (NM_016641) Human Tagged ORF Clone Lentiviral Particle
Symbol:	MIR16
Synonyms:	363E6.2; MIR16
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_016641
ORF Size:	993 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC204923).
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. <a href="#">More info</a>
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:	<a href="#">NM_016641.3</a>
RefSeq Size:	2960 bp
RefSeq ORF:	996 bp
Locus ID:	51573
UniProt ID:	<a href="#">Q9NZC3</a>
Cytogenetics:	16p12.3
Domains:	GDPD
Protein Families:	Transmembrane



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**Protein Pathways:** Glycerophospholipid metabolism

**MW:** 37.7 kDa

**Gene Summary:** Has glycerophosphoinositol phosphodiesterase activity. Hydrolyzes lysoglycerophospholipids to produce lysophosphatidic acid (LPA) and the corresponding amines. Has little or no activity towards glycerophosphocholine. GDE1 activity can be modulated by G-protein signaling pathways (By similarity).[UniProtKB/Swiss-Prot Function]