

Product datasheet for **RC200789L4V**

MIS12 (NM_024039) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	MIS12 (NM_024039) Human Tagged ORF Clone Lentiviral Particle
Symbol:	MIS12
Synonyms:	2510025F08Rik; hMis12; KNTC2AP; MTW1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_024039
ORF Size:	615 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC200789).
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_024039.1
RefSeq Size:	2543 bp
RefSeq ORF:	618 bp
Locus ID:	79003
UniProt ID:	Q9H081
Cytogenetics:	17p13.2
MW:	24.1 kDa


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Gene Summary:

Part of the MIS12 complex which is required for normal chromosome alignment and segregation and for kinetochore formation during mitosis (PubMed:12515822, PubMed:15502821, PubMed:16585270). Essential for proper kinetochore microtubule attachments (PubMed:23891108).[UniProtKB/Swiss-Prot Function]