Product datasheet for RC207418L2V

MX1 (NM_002462) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	MX1 (NM_002462) Human Tagged ORF Clone Lentiviral Particle
Symbol:	MX1
Synonyms:	IFI-78K; IFI78; lncMX1-215; MX; MxA
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_002462
ORF Size:	1986 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC207418).
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_002462.2
RefSeq Size:	2787 bp
RefSeq ORF:	1989 bp
Locus ID:	4599
UniProt ID:	P20591
Cytogenetics:	21q22.3
Domains:	dynamin_2, dynamin, GED
Protein Families:	Druggable Genome

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MW: 75.3 kDa

Gene Summary: This gene encodes a guanosine triphosphate (GTP)-metabolizing protein that participates in the cellular antiviral response. The encoded protein is induced by type I and type II interferons and antagonizes the replication process of several different RNA and DNA viruses. There is a related gene located adjacent to this gene on chromosome 21, and there are multiple pseudogenes located in a cluster on chromosome 4. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Sep 2013]