

## Product datasheet for **RC206437L4V**

### MX2 (NM\_002463) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	MX2 (NM_002463) Human Tagged ORF Clone Lentiviral Particle
Symbol:	MX2
Synonyms:	MXB
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_002463
ORF Size:	2145 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC206437).
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_002463.1</a>
RefSeq Size:	2961 bp
RefSeq ORF:	2148 bp
Locus ID:	4600
UniProt ID:	<a href="#">P20592</a>
Cytogenetics:	21q22.3
Domains:	dynamin_2, dynamin, GED
Protein Families:	Druggable Genome



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**MW:** 82.1 kDa

**Gene Summary:** The protein encoded by this gene has a nuclear and a cytoplasmic form and is a member of both the dynamin family and the family of large GTPases. The nuclear form is localized in a granular pattern in the heterochromatin region beneath the nuclear envelope. A nuclear localization signal (NLS) is present at the amino terminal end of the nuclear form but is lacking in the cytoplasmic form due to use of an alternate translation start codon. This protein is upregulated by interferon-alpha but does not contain the antiviral activity of a similar myxovirus resistance protein 1. [provided by RefSeq, Jul 2008]