

Product datasheet for **RC207116L4V**

MT1X (NM_005952) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	MT1X (NM_005952) Human Tagged ORF Clone Lentiviral Particle
Symbol:	MT1X
Synonyms:	MT-1l; MT1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_005952
ORF Size:	183 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC207116).
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_005952.2
RefSeq Size:	468 bp
RefSeq ORF:	186 bp
Locus ID:	4501
UniProt ID:	P80297
Cytogenetics:	16q13
MW:	6.1 kDa


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Gene Summary:

Metallothioneins have a high content of cysteine residues that bind various heavy metals; these proteins are transcriptionally regulated by both heavy metals and glucocorticoids. May be involved in FAM168A anti-apoptotic signaling (PubMed:23251525).[UniProtKB/Swiss-Prot Function]