

## Product datasheet for **RC205922L4V**

### **MTP18 (MTFP1) (NM\_016498) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	MTP18 (MTFP1) (NM_016498) Human Tagged ORF Clone Lentiviral Particle
Symbol:	MTP18
Synonyms:	HSPC242; MTP18
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_016498
ORF Size:	498 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC205922).
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_016498.3</a>
RefSeq Size:	1298 bp
RefSeq ORF:	501 bp
Locus ID:	51537
UniProt ID:	<a href="#">Q9UDX5</a>
Cytogenetics:	22q12.2
MW:	18 kDa



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**Gene Summary:**

MTP18 is a mitochondrial protein and downstream target of the phosphatidylinositol 3-kinase (see PIK3CA, MIM 171834) signaling pathway that plays a role in cell viability and mitochondrial dynamics (Tondera et al., 2004 [PubMed 15155745]).[supplied by OMIM, Mar 2008]