

Product datasheet for RC205922L4V

OriGene Technologies, Inc.

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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

The ORF insert of this clone is exactly the same as(RC205922).

Sequence:

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.

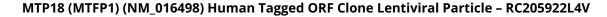
RefSeg: NM 016498.3

RefSeq Size: 1298 bp
RefSeq ORF: 501 bp
Locus ID: 51537
UniProt ID: Q9UDX5

Cytogenetics: 22q12.2

MW: 18 kDa







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]