

Datasheet for ABIN6402064

## Human Mtfp1 ORF Clone in Lenti Particles (GFP tag)

### Overview

Quantity:	200 µL
Gene:	Mtfp1
Species:	Human
Fusion tag:	GFP tag
Insert:	ORF
Vector:	Lentiviral Vector
Application:	Protein Expression (PEXP)

### Product Details

Purpose:	Lenti ORF particles, MTFP1 (mGFP-tagged) - Human mitochondrial fission process 1 (MTFP1), nuclear gene encoding mitochondrial protein, transcript variant 1
Vector Backbone:	pLenti-C-mGFP
Promoter:	CMV Promoter
Bacterial Resistance:	Chloramphenicol
Expression Type:	Transient
Specificity:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
Characteristics:	<ul style="list-style-type: none"> <li>• Broad cell spectrum: Lentivirus infect many cells, dividing &amp; non-dividing, easy-to-transfect &amp; hard-to-transfect cells.</li> <li>• High transduction efficiency.</li> <li>• Convenience: Minimal need for optimization.</li> <li>• Safety: 3rd generation system with improved biosafety.</li> <li>• Pre-titered, ready-to-use</li> <li>• Titer guaranteed, 10<sup>7</sup> TU/mL</li> <li>• Provided in the proprietary Lenti Stabilizer Solution with 1 year infectivity</li> </ul>

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## Product Details

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Components: Lentiviral particles with guaranteed titer of  $>10^7$  TU/mL

## Target Details

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Gene: Mtfp1

Alternative Name: MTFP1 ([Mtfp1 Products](#))

## Application Details

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Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

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Format: Viral Particles

Storage: -80 °C

Expiry Date: 12 months

## Publications

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Product cited in: Johnson, Drugan, Miller, Evans: "38" in: , Vol. 1363, Issue Nucleic acids research, pp. 28-39, (1991)