

## Product datasheet for **RC223397L4V**

### Cyclophilin F (PPIF) (NM\_005729) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Cyclophilin F (PPIF) (NM_005729) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Cyclophilin F
Synonyms:	Cyp-D; CyP-M; CYP3; CypD
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_005729
ORF Size:	621 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC223397).
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_005729.3</a>
RefSeq Size:	2213 bp
RefSeq ORF:	624 bp
Locus ID:	10105
UniProt ID:	<a href="#">P30405</a>
Cytogenetics:	10q22.3
Domains:	pro_isomerase
MW:	22.04 kDa



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**Gene Summary:**

The protein encoded by this gene is a member of the peptidyl-prolyl cis-trans isomerase (PPIase) family. PPIases catalyze the cis-trans isomerization of proline imidic peptide bonds in oligopeptides and accelerate the folding of proteins. This protein is part of the mitochondrial permeability transition pore in the inner mitochondrial membrane. Activation of this pore is thought to be involved in the induction of apoptotic and necrotic cell death. [provided by RefSeq, Jul 2008]