

Product datasheet for **RC206039L4V**

Cyclophilin 40 (PPID) (NM_005038) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Cyclophilin 40 (PPID) (NM_005038) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Cyclophilin 40
Synonyms:	CYP-40; CYPD
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_005038
ORF Size:	1110 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC206039).
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_005038.2
RefSeq Size:	1851 bp
RefSeq ORF:	1113 bp
Locus ID:	5481
UniProt ID:	Q08752
Cytogenetics:	4q32.1
Domains:	TPR, pro_isomerase
Protein Families:	Stem cell - Pluripotency


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Protein Pathways: Calcium signaling pathway, Huntington's disease, Parkinson's disease

MW: 40.8 kDa

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 has been shown to possess PPIase activity and, similar to other family members, can bind to the immunosuppressant cyclosporin A. [provided by RefSeq, Jul 2008]