

Product datasheet for **RC204041L4V**

ERp72 (PDIA4) (NM_004911) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	ERp72 (PDIA4) (NM_004911) Human Tagged ORF Clone Lentiviral Particle
Symbol:	ERp72
Synonyms:	ERp-72; ERP70; ERP72
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_004911
ORF Size:	1935 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC204041).
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_004911.3
RefSeq Size:	2970 bp
RefSeq ORF:	1938 bp
Locus ID:	9601
UniProt ID:	P13667
Cytogenetics:	7q36.1
Domains:	thioered
Protein Families:	Druggable Genome, Transmembrane



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Protein Pathways: Vibrio cholerae infection

MW: 72.9 kDa

Gene Summary: This gene encodes a member of the disulfide isomerase (PDI) family of endoplasmic reticulum (ER) proteins that catalyze protein folding and thiol-disulfide interchange reactions. The encoded protein has an N-terminal ER-signal sequence, three catalytically active thioredoxin (TRX) domains, two TRX-like domains and a C-terminal ER-retention sequence. This protein, when bound to cyclophilin B, enhances the rate of immunoglobulin G intermolecular disulfide bonding and antibody assembly. [provided by RefSeq, Dec 2016]