

## Product datasheet for **RC210918L1V**

### ERP29 (NM\_006817) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	ERP29 (NM_006817) Human Tagged ORF Clone Lentiviral Particle
Symbol:	ERP29
Synonyms:	C12orf8; ERp28; ERp31; HEL-S-107; PDI-DB; PDIA9
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_006817
ORF Size:	783 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC210918).
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_006817.3</a>
RefSeq Size:	1472 bp
RefSeq ORF:	786 bp
Locus ID:	10961
UniProt ID:	<a href="#">P30040</a>
Cytogenetics:	12q24.13
Protein Families:	Transmembrane
MW:	29 kDa


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**Gene Summary:**

This gene encodes a protein which localizes to the lumen of the endoplasmic reticulum (ER). It is a member of the protein disulfide isomerase (PDI) protein family but lacks an active thioredoxin motif, suggesting that this protein does not function as a disulfide isomerase. The canonical protein dimerizes and is thought to play a role in the processing of secretory proteins within the ER. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Dec 2016]