Product datasheet for RC204096L4V

PARL (NM_018622) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	PARL (NM_018622) Human Tagged ORF Clone Lentiviral Particle
Symbol:	PARL
Synonyms:	PRO2207; PSARL; PSARL1; PSENIP2; RHBDS1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_018622
ORF Size:	1137 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC204096).
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_018622.5
RefSeq Size:	1423 bp
RefSeq ORF:	1140 bp
Locus ID:	55486
UniProt ID:	Q9H300
Cytogenetics:	3q27.1
Domains:	Rhomboid
Protein Families:	Protease, Transmembrane

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MW: 42.2 kDa

Gene Summary: This gene encodes a member of the rhomboid family of intramembrane serine proteases that is localized to the inner mitochondrial membrane. The encoded protein regulates mitochondrial remodeling and apoptosis through regulated substrate proteolysis. Proteolytic processing of the encoded protein results in the release of a small peptide, P-beta, which may transit to the nucleus. Mutations in this gene may be associated with Parkinson's disease. [provided by RefSeq, May 2016]