

Product datasheet for **RC225978L4V**

PARN (NM_001134477) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	PARN (NM_001134477) Human Tagged ORF Clone Lentiviral Particle
Symbol:	PARN
Synonyms:	DAN; DKCB6; PFBMFT4
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001134477
ORF Size:	1920 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC225978).
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_001134477.2 , NP_001127949.1
RefSeq Size:	3000 bp
RefSeq ORF:	1737 bp
Locus ID:	5073
UniProt ID:	O95453
Cytogenetics:	16p13.12
Protein Families:	Transcription Factors
Protein Pathways:	RNA degradation



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MW: 73.5 kDa

Gene Summary: The protein encoded by this gene is a 3'-exoribonuclease, with similarity to the RNase D family of 3'-exonucleases. It prefers poly(A) as the substrate, hence, efficiently degrades poly(A) tails of mRNAs. Exonucleolytic degradation of the poly(A) tail is often the first step in the decay of eukaryotic mRNAs. This protein is also involved in silencing of certain maternal mRNAs during oocyte maturation and early embryonic development, as well as in nonsense-mediated decay (NMD) of mRNAs that contain premature stop codons. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Aug 2008]