

Product datasheet for **RC202687L4V**

RAD51AP1 (NM_006479) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	RAD51AP1 (NM_006479) Human Tagged ORF Clone Lentiviral Particle
Symbol:	RAD51AP1
Synonyms:	PIR51
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_006479
ORF Size:	1005 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC202687).
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_006479.2
RefSeq Size:	2143 bp
RefSeq ORF:	1008 bp
Locus ID:	10635
UniProt ID:	Q96B01
Cytogenetics:	12p13.32
Protein Families:	Druggable Genome
MW:	36.6 kDa



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Gene Summary:

May participate in a common DNA damage response pathway associated with the activation of homologous recombination and double-strand break repair. Functionally cooperates with PALB2 in promoting of D-loop formation by RAD51. Binds to single and double stranded DNA, and is capable of aggregating DNA. Also binds RNA.[UniProtKB/Swiss-Prot Function]