

Product datasheet for **RC210239L3V**

RPA4 (NM_013347) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	RPA4 (NM_013347) Human Tagged ORF Clone Lentiviral Particle
Symbol:	RPA4
Synonyms:	HSU24186
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_013347
ORF Size:	783 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC210239).
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_013347.1 , NP_037479.1
RefSeq Size:	1560 bp
RefSeq ORF:	786 bp
Locus ID:	29935
UniProt ID:	Q13156
Cytogenetics:	Xq21.33
Protein Families:	Druggable Genome
Protein Pathways:	DNA replication, Homologous recombination, Mismatch repair, Nucleotide excision repair



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MW: 28.9 kDa

Gene Summary: This gene encodes a single-stranded DNA-binding protein that is the 30-kDa subunit of the replication protein A complex. Replication protein A is an essential factor for DNA double-strand break repair and cell cycle checkpoint activation. The encoded protein localizes to DNA repair foci and may be involved in the cellular DNA damage response. This protein may also play a role in inhibiting viral replication.[provided by RefSeq, Apr 2010]