

Product datasheet for **RC202710L4V**

PRIM1 (NM_000946) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	PRIM1 (NM_000946) Human Tagged ORF Clone Lentiviral Particle
Symbol:	PRIM1
Synonyms:	p49
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_000946
ORF Size:	1260 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC202710).
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_000946.2
RefSeq Size:	1471 bp
RefSeq ORF:	1263 bp
Locus ID:	5557
UniProt ID:	P49642
Cytogenetics:	12q13.3
Protein Families:	Druggable Genome
Protein Pathways:	DNA replication, Metabolic pathways, Purine metabolism, Pyrimidine metabolism



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MW: 49.9 kDa

Gene Summary: The replication of DNA in eukaryotic cells is carried out by a complex chromosomal replication apparatus, in which DNA polymerase alpha and primase are two key enzymatic components. Primase, which is a heterodimer of a small subunit and a large subunit, synthesizes small RNA primers for the Okazaki fragments made during discontinuous DNA replication. The protein encoded by this gene is the small, 49 kDa primase subunit. [provided by RefSeq, Jul 2008]