

Product datasheet for **RC228109L4V**

RPAIN (NM_001160244) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	RPAIN (NM_001160244) Human Tagged ORF Clone Lentiviral Particle
Symbol:	RPAIN
Synonyms:	HRIP; RIP
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001160244
ORF Size:	516 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC228109).
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_001160244.1 , NP_001153716.1
RefSeq ORF:	519 bp
Locus ID:	84268
UniProt ID:	Q86UA6
Cytogenetics:	17p13.2
MW:	19.5 kDa


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Gene Summary:

Mediates the import of RPA complex into the nucleus, possibly via some interaction with importin beta. Isoform 2 is sumoylated and mediates the localization of RPA complex into the PML body of the nucleus, thereby participating in RPA function in DNA metabolism.
[UniProtKB/Swiss-Prot Function]