

Product datasheet for **RC209479L2V**

HRPT2 (CDC73) (NM_024529) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	HRPT2 (CDC73) (NM_024529) Human Tagged ORF Clone Lentiviral Particle
Symbol:	HRPT2
Synonyms:	C1orf28; FIHP; HPTJT; HRPT1; HRPT2; HYX
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_024529
ORF Size:	1593 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC209479).
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_024529.3
RefSeq Size:	5942 bp
RefSeq ORF:	1596 bp
Locus ID:	79577
UniProt ID:	Q6P1J9
Cytogenetics:	1q31.2
Domains:	Cdc73
Protein Families:	Druggable Genome



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MW: 60.6 kDa

Gene Summary: This gene encodes a tumor suppressor that is involved in transcriptional and post-transcriptional control pathways. The protein is a component of the the PAF protein complex, which associates with the RNA polymerase II subunit POLR2A and with a histone methyltransferase complex. This protein appears to facilitate the association of 3' mRNA processing factors with actively-transcribed chromatin. Mutations in this gene have been linked to hyperparathyroidism-jaw tumor syndrome, familial isolated hyperparathyroidism, and parathyroid carcinoma. [provided by RefSeq, Jul 2009]