

## Product datasheet for **RC203805L4V**

### Papillary renal cell carcinoma (PRCC) (NM\_005973) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Papillary renal cell carcinoma (PRCC) (NM_005973) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Papillary renal cell carcinoma
Synonyms:	RCCP1; TPRC
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_005973
ORF Size:	1473 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC203805).
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. <a href="#">More info</a>
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:	<a href="#">NM_005973.4</a>
RefSeq Size:	2142 bp
RefSeq ORF:	1476 bp
Locus ID:	5546
UniProt ID:	<a href="#">Q92733</a>
Cytogenetics:	1q23.1
Protein Families:	Druggable Genome



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**MW:** 52.4 kDa

**Gene Summary:** This gene encodes a protein that may play a role in pre-mRNA splicing. Chromosomal translocations (X;1)(p11;q21) that result in fusion of this gene to TFE3 (GeneID 7030) have been associated with papillary renal cell carcinoma. A PRCC-TFE3 fusion protein is expressed in affected carcinomas and is likely associated with altered gene transactivation. This fusion protein has also been associated with disruption of the cell cycle.[provided by RefSeq, Aug 2010]