

Product datasheet for **RR206379L4V**

Pcbd1 (NM_001007601) Rat Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Pcbd1 (NM_001007601) Rat Tagged ORF Clone Lentiviral Particle
Symbol:	Pcbd1
Synonyms:	DCoH; Pcbd; Pcd; Phs; TCF1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001007601
ORF Size:	312 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RR206379).
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_001007601.2 , NP_001007602.1
RefSeq Size:	776 bp
RefSeq ORF:	315 bp
Locus ID:	29700
UniProt ID:	P61459
Cytogenetics:	20q11



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Gene Summary:

This gene encodes a member of the pterin-4-alpha-carbinolamine dehydratase family. The encoded protein has been identified as a moonlighting protein based on its ability to perform mechanistically distinct functions. The encoded protein functions as both a dehydratase involved in tetrahydrobiopterin biosynthesis, and as a cofactor for HNF1A-dependent transcription. [provided by RefSeq, Jan 2014]