

Product datasheet for **RC206323L2V**

Carboxypeptidase D (CPD) (NM_001304) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Carboxypeptidase D (CPD) (NM_001304) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Carboxypeptidase D
Synonyms:	GP180
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_001304
ORF Size:	4140 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC206323).
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_001304.4
RefSeq Size:	9060 bp
RefSeq ORF:	4143 bp
Locus ID:	1362
UniProt ID:	O75976
Cytogenetics:	17q11.2
Domains:	Zn_carbOpept
Protein Families:	Druggable Genome, Protease, Transmembrane



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MW: 152.93 kDa

Gene Summary: The metallo-carboxypeptidase family of enzymes is divided into 2 subfamilies based on sequence similarities. The pancreatic carboxypeptidase-like and the regulatory B-type carboxypeptidase subfamilies. Carboxypeptidase D has been identified as a regulatory B-type carboxypeptidase. CPD is a homolog of duck gp180, a hepatitis B virus-binding protein. Transcript variants utilizing alternative polyadenylation signals exist for this gene. [provided by RefSeq, Jul 2008]