

Product datasheet for **RC204463L4V**

Carboxypeptidase B (CPB1) (NM_001871) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Carboxypeptidase B (CPB1) (NM_001871) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Carboxypeptidase B
Synonyms:	CPB; PASP; PCPB
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001871
ORF Size:	1251 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC204463).
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_001871.2
RefSeq Size:	1473 bp
RefSeq ORF:	1254 bp
Locus ID:	1360
UniProt ID:	P15086
Cytogenetics:	3q24
Domains:	Zn_carbOpept, Propep_M14
Protein Families:	Druggable Genome, Protease, Secreted Protein



[View online »](#)

MW: 47.4 kDa

Gene Summary: Three different procarboxypeptidases A and two different procarboxypeptidases B have been isolated. The B1 and B2 forms differ from each other mainly in isoelectric point. Carboxypeptidase B1 is a highly tissue-specific protein and is a useful serum marker for acute pancreatitis and dysfunction of pancreatic transplants. It is not elevated in pancreatic carcinoma. [provided by RefSeq, Jul 2008]