

Product datasheet for **RC215170L4V**

Carboxypeptidase Z (CPZ) (NM_003652) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Carboxypeptidase Z (CPZ) (NM_003652) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Carboxypeptidase Z
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_003652
ORF Size:	1923 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC215170).
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_003652.2
RefSeq Size:	2259 bp
RefSeq ORF:	1926 bp
Locus ID:	8532
UniProt ID:	Q66K79
Cytogenetics:	4p16.1
Domains:	FRI, Zn_carbOpept
Protein Families:	Druggable Genome, Protease, Secreted Protein
MW:	72.5 kDa



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Gene Summary:

This gene encodes a member of the metalloproteinase family. This enzyme displays carboxypeptidase activity towards substrates with basic C-terminal residues. It is most active at neutral pH and is inhibited by active site-directed inhibitors of metalloproteinases. Alternative splicing in the coding region results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jul 2008]