

OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

Product datasheet for RC218835L4V

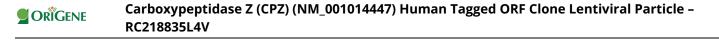
Carboxypeptidase Z (CPZ) (NM_001014447) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Carboxypeptidase Z (CPZ) (NM_001014447) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Carboxypeptidase Z
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001014447
ORF Size:	1956 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC218835).
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. <u>More info</u>
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:	<u>NM 001014447.2</u> , <u>NP 001014447.1</u>
RefSeq Size:	2292 bp
RefSeq ORF:	1959 bp
Locus ID:	8532
UniProt ID:	<u>Q66K79</u>
Cytogenetics:	4p16.1
Protein Families:	Druggable Genome, Protease, Secreted Protein
MW:	73.6 kDa



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Gene Summary:This gene encodes a member of the metallocarboxypeptidase 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 metallocarboxypeptidases.
Alternative splicing in the coding region results in multiple transcript variants encoding
different isoforms. [provided by RefSeq, Jul 2008]

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