

## Product datasheet for **RC215526L4V**

### Pregnancy zone protein (PZP) (NM\_002864) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Pregnancy zone protein (PZP) (NM_002864) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Pregnancy zone protein
Synonyms:	CPAMD6
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_002864
ORF Size:	4446 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC215526).
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. <a href="#">More info</a>
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:	<a href="#">NM_002864.1</a>
RefSeq Size:	4615 bp
RefSeq ORF:	4449 bp
Locus ID:	5858
Cytogenetics:	12p13.31
Domains:	A2M, A2M_N
Protein Families:	Druggable Genome
MW:	163.7 kDa


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**Gene Summary:**

The protein encoded by this gene is highly expressed in late-pregnancy serum and is similar in structure to alpha-2-macroglobulin. The encoded protein, which acts as a homotetramer, inhibits the activity of all four classes of proteinases. This protein contains cleavage sites for several proteinases. Upon binding of a proteinase, the conformation of this protein changes to trap the proteinase, limiting its activity. This protein appears to be elevated in the sera of presymptomatic Alzheimer's disease patients. [provided by RefSeq, Dec 2016]