

Product datasheet for **RC222543L4V**

PAPP A2 (PAPPA2) (NM_021936) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	PAPP A2 (PAPPA2) (NM_021936) Human Tagged ORF Clone Lentiviral Particle
Symbol:	PAPP A2
Synonyms:	PAPP-A2; PAPP-E; PAPPE; PLAC3
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_021936
ORF Size:	2481 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC222543).
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_021936.2
RefSeq Size:	4370 bp
RefSeq ORF:	2484 bp
Locus ID:	60676
UniProt ID:	Q9BXP8
Cytogenetics:	1q25.2
Protein Families:	Protease, Secreted Protein
MW:	92 kDa



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Gene Summary:

This gene encodes a member of the pappalysin family of metzincin metalloproteinases. The encoded protein cleaves insulin-like growth factor-binding protein 5 and is thought to be a local regulator of insulin-like growth factor (IGF) bioavailability. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2010]