Product datasheet for RR207629L3V

Plg (NM_053491) Rat Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Plg (NM_053491) Rat Tagged ORF Clone Lentiviral Particle
Symbol:	Plg
Synonyms:	Ab1-346
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_053491
ORF Size:	2436 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RR207629).
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_053491.2, NP_445943.1
RefSeq Size:	2752 bp
RefSeq ORF:	2439 bp
Locus ID:	85253
UniProt ID:	Q01177
Cytogenetics:	1q11

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Gene Summary:

Plasmin dissolves the fibrin of blood clots and acts as a proteolytic factor in a variety of other processes including embryonic development, tissue remodeling, tumor invasion, and inflammation. In ovulation, weakens the walls of the Graafian follicle. It activates the urokinase-type plasminogen activator, collagenases and several complement zymogens, such as C1 and C5. Cleavage of fibronectin and laminin leads to cell detachment and apoptosis. Also cleaves fibrin, thrombospondin and von Willebrand factor. Its role in tissue remodeling and tumor invasion may be modulated by CSPG4. Binds to cells (By similarity). [UniProtKB/Swiss-Prot Function]