

Product datasheet for **MR210779L3V**

Plg (NM_008877) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Plg (NM_008877) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Plg
Synonyms:	A1649309; Pg
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_008877
ORF Size:	2439 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR210779).
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_008877.2 , NP_032903.2
RefSeq Size:	2755 bp
RefSeq ORF:	2439 bp
Locus ID:	18815
UniProt ID:	P20918
Cytogenetics:	17 8.5 cM



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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]