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Product datasheet for RC228927L3V

Alpha 2 Antiplasmin (SERPINF2) (NM_001165920) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Alpha 2 Antiplasmin (SERPINF2) (NM_001165920) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Alpha 2 Antiplasmin
Synonyms:	A2AP; AAP; ALPHA-2-PI; alpha2AP; API; PLI
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_001165920
ORF Size:	1473 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC228927).`
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_001165920.1, NP_001159392.1
RefSeq Size:	2296 bp
RefSeq ORF:	1476 bp
Locus ID:	5345
UniProt ID:	P08697
Cytogenetics:	17p13.3
Protein Families:	Druggable Genome, Secreted Protein

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Protein Pathways:	Complement and coagulation cascades
MW:	54.6 kDa
Gene Summary:	This gene encodes a member of the serpin family of serine protease inhibitors. The protein is a major inhibitor of plasmin, which degrades fibrin and various other proteins. Consequently, the proper function of this gene has a major role in regulating the blood clotting pathway. Mutations in this gene result in alpha-2-plasmin inhibitor deficiency, which is characterized by severe hemorrhagic diathesis. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2009]