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Product datasheet for RC202802L1V

Serum Amyloid P (APCS) (NM_001639) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Serum Amyloid P (APCS) (NM_001639) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Serum Amyloid P
Synonyms:	HEL-S-92n; PTX2; SAP
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_001639
ORF Size:	669 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC202802).
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_001639.2, NP_001630.1
RefSeq Size:	960 bp
RefSeq ORF:	672 bp
Locus ID:	325
UniProt ID:	P02743
Cytogenetics:	1q23.2
Domains:	PTX
Protein Families:	Druggable Genome, Secreted Protein

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MW: 25.4 kDa

Gene Summary: The protein encoded by this gene is a glycoprotein, belonging to the pentraxin family of proteins, which has a characteristic pentameric organization. These family members have considerable sequence homology which is thought to be the result of gene duplication. The binding of the encoded protein to proteins in the pathological amyloid cross-beta fold suggests its possible role as a chaperone. This protein is also thought to control the degradation of chromatin. It has been demonstrated that this protein binds to apoptotic cells at an early stage, which raises the possibility that it is involved in dealing with apoptotic cells in vivo. [provided by RefSeq, Sep 2008]