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Product datasheet for RC204742L3V

PSG9 (NM_002784) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	PSG9 (NM_002784) Human Tagged ORF Clone Lentiviral Particle
Symbol:	PSG9
Synonyms:	PS34; PSBG-9; PSBG-11; PSG11; PSGII
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_002784
ORF Size:	1278 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC204742).`
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_002784.2, NP_002775.2
RefSeq Size:	1767 bp
RefSeq ORF:	1281 bp
Locus ID:	5678
UniProt ID:	Q00887
Cytogenetics:	19q13.31
Domains:	ig, IGc2, IG
Protein Families:	Secreted Protein

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MW: 48.2 kDa

Gene Summary: The protein encoded by this gene is a member of the pregnancy-specific glycoprotein (PSG) family. This protein family and the closely related carcinoembryonic antigen cell adhesion molecule (CEACAM) gene family are both members of the immunoglobulin superfamily, and are organized as a large gene cluster. This protein is thought to inhibit platelet-fibrinogen interactions. Several studies suggest that reduced serum concentrations of PSGs are associated with fetal growth restrictions, while up-regulation of this gene has been observed in colorectal cancers. Several pseudogenes of this gene are found on chromosome 19. Alternative splicing results in multiple transcript variants that encode multiple protein isoforms. [provided by RefSeq, Sep 2014]