OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for RC221648L3V

PSG7 (NM_002783) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	PSG7 (NM_002783) Human Tagged ORF Clone Lentiviral Particle
Symbol:	PSG7
Synonyms:	PSBG-7; PSG1; PSGGA
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_002783
ORF Size:	1257 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC221648).
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_002783.1, NP_002774.1
RefSeq Size:	1989 bp
RefSeq ORF:	1260 bp
Locus ID:	5676
UniProt ID:	Q13046
Cytogenetics:	19q13.31
Protein Families:	Secreted Protein
MW:	47.01 kDa

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Gene Summary: This gene is a member of the pregnancy-specific glycoprotein (PSG) gene family. The PSG genes are a subgroup of the carcinoembryonic antigen (CEA) family of immunoglobulin-like genes, and are found in a gene cluster at 19q13.1-q13.2 telomeric to another cluster of CEA-related genes. The PSG genes are expressed by placental trophoblasts and released into the maternal circulation during pregnancy, and are thought to be essential for maintenance of normal pregnancy. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Feb 2014]