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 SC328685

Pregnancy Specific Glycoprotein 1 (PSG1) (NM_001184825) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pregnancy Specific Glycoprotein 1 (PSG1) (NM_001184825) Human Untagged Clone
Tag:	Tag Free
Symbol:	PSG1
Synonyms:	B1G1; CD66f; DHFRP2; FL-NCA-1/2; PBG1; PS-beta-C/D; PS-beta-G-1; PSBG-1; PSBG1; PSG95; PSGGA; PSGIIA; SP1
Mammalian Cell Selection:	None
Vector:	pCMV6-XL5
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001184825, the custom clone sequence may differ by one or more nucleotides ATGGGAACCCTCTCAGCCCCTCCCTGCACACAGCGCATCAAATGGAAGGGGCTCCTGCTC ACAGCATCACTTTTAAACTTCTGGAACCTGCCCACCACTGCCCAAGTCACGATTGAAGCC GAGCCAACCAAAGTTTCCGAGGGGAAGGATGTTCTTCTACTTGTCCACAATTTGCCCCAG AATCTTACCGGCTACATCTGGTACAAAGGGCAAATGAGGGACCTCTACCATTACATTACA TCATATGTAGTAGACGGTGAAATAATTATATATGGGCCTGCATATAGTGGACGAGAAACA GCATATTCCAATGCATCCCTGCTGATCCAGAATGTCACCCGGGAGGACGCAGGATCCTAC ACCTTACACATCATAAAGGGAGATGATGGGACTAGAGGAGTAACTGGACGTTTCACCTTC ACCTTACACCTGGAGACTCCTAAGCCCTCCATCTCCAGCAGCAACTTAAATCCCAGGGAG ACCATGGAGGCTGTGAGCTTAACCTGTGACCCTGAGACTCCAGACGCAAGCTACCTGTGG TGGATGAATGGTCAGAGCCTCCCTATGACTCACAGCTTGAAGCTGTCCGAAACCAACAGG ACCCTCTTTCTATTGGGTGTCACAAAGTATACTGCAGGACCCTATGAATGTGAAATACGG AACCCAGTGAGTGCCAGCCGCAGTGACCCAGTCACCCTGAATCTCCTCCCGAAGCTGCCC AAGCCCTACATCACCATCAACAACTTAAACCCCAGGGAGAATAAGGATGTCTTAAACTTC ACCTGTGAACCTAAGAGTGAGAACTACACCTACATTTGGTGGCTAAATGGTCAGAGCCTC CCGGTCAGTCCCAGGGTAAAGCGACCCATTGAAAACAGGATCCTCATTCTACCCAGTGTC ACGAGAAATGAAACAGGACCCTATCAATGTGAAATACGGGACCGATATGGTGGCATCCGC AGTGACCCAGTCACCCTGAATGTCCTCTATGGTCCAGACCTCCCCAGAATTTACCCTTCA TTCACCTATTACCGTTCAGGAGAAGTCCTCTACTTGTCCTGTTCTGCGGACTCTAACCCA CCGGCACAGTATTCTTGGACAATTAATGAAAAGTTTCAGCTACCAGGACAAAAGCTCTTT ATCCGCCATATTACTACAAAGCATAGCGGGCTCTATGTTTGCTCTGTTCGTAACTCAGCC ACTGGCAAGGAAAGCTCCAAATCCATGACAGTCGAAGTCTCTGACTGGACAGTTCCCTGA
Restriction Sites:	Please inquire

View online »

ACCN:	NM_001184825
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_001184825.1, NP_001171754.1
RefSeq Size:	2071 bp
RefSeq ORF:	1260 bp
Locus ID:	5669
UniProt ID:	P11464
Cytogenetics:	19q13.2
Protein Families:	Secreted Protein
Gene Summary:	The human placenta is a multihormonal endocrine organ that produces hormones, enzymes, and other molecules that support fetal survival and development. Pregnancy-specific beta-1-glycoprotein (PSBG, PSG) is a major product of the syncytiotrophoblast, reaching concentrations of 100 to 290 mg/l at term in the serum of pregnant women (Horne et al., 1976 [PubMed 971765]). PSG is a member of the immunoglobulin (Ig) superfamily (Watanabe and Chou, 1988 [PubMed 3257488]; Streydio et al., 1988 [PubMed 3260773]).[supplied by OMIM, Oct 2009] Transcript Variant: This variant (2) contains an alternate 3' terminal exon, compared to variant 4. It encodes isoform 2, which has a shorter and distinct C-terminus, compared to isoform 4. Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.