

**Specifications:**

Gene:	hPSG5
Accession:	NP_002772
Insert size:	1021bp
Concentration:	10µg at 0.2µg/µL

**hPSG-5 cDNA Plasmid**

**PSG5 pregnancy specific beta-1-glycoprotein 5 [ *Homo sapiens* (human) ]**

**Also known as:** PSG; FL-NCA-3

**Summary:**

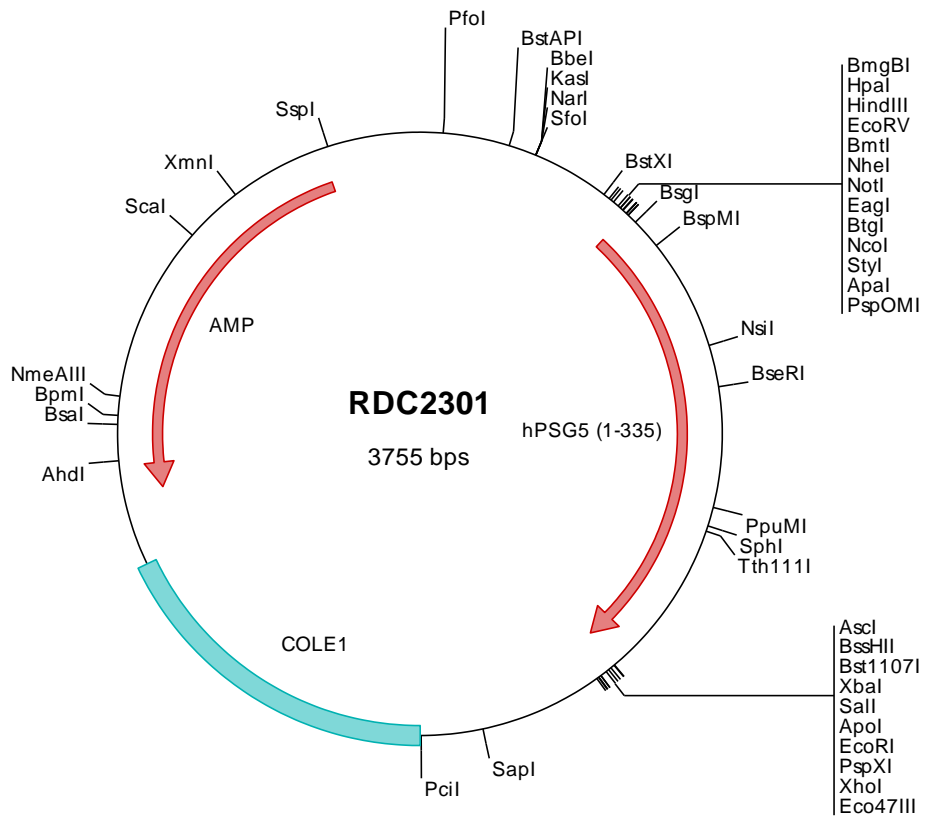
PSG5 belongs to a subgroup of the carcinoembryonic antigen (CEA) family, which belongs to the immunoglobulin superfamily. It is produced by the placental syncytiotrophoblasts during pregnancy.

**Description**

This shuttle vector contains the complete ORF for the gene of interest, along with a Kozak consensus sequence for optimal translation initiation. It is inserted NotI to AscI. The gene insert is flanked with convenient multiple cloning sites which can be used to easily cut and transfer the gene cassette into your desired expression vector.

**Preparation and Storage**

Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

> RDC2301 Plasmid DNA Sequence

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1 tcgctgcttt cggatgatgac ggtgaaaacc totgacacat gcagctcccc gagacgggtca cagcttgtct gtaagcggat gccgggagca gacaagcccc
101 tcagggcgcg tcagcgggtg ttggcgggtg tcggggctgg cttactatg cggcatcaga gcagattgta ctgagagtgc accatatgcg gtgtgaaata
201 ccgcacagat gcgtaaggag aaaataccgc atcaggcgcc attgccatt caggctgcgc aactgttggg aagggcgatc ggtgcgggcc tcttcctat
301 tacgccagct ggcgaaaagg ggaatgtctg caaggcgatt aagttgggta acgccagggt tttcccagtc acgacgttgt aaaacgacgg ccagtgaatt
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> RDC2301 Translated Insert Sequence

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1 mgplsappct qhitwkglll tasllnfwnl pitaqvntiea lppkvsegkd vlllvhnlpq nlagyiwykg qlmdlyhyit syvvdgqini ygpaytgret
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201 ililpsvtrn etgpyeair drdggmrmdp vtlnlvlygd lpsiypsfty yrsgenlyls cfaesnpae yfwtingkfq qsgqklsipq ittkhrglyt
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