

Recombinant Human PSG5 Protein, His-tagged

Cat. No. PSG5-217H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PSG5, transcript variant 1, fused with His tag at C-terminal was expressed in HEK296 cells.
Species	Human
Source	HEK293
Description	The human pregnancy-specific glycoproteins (PSGs) are a group of molecules that are mainly produced by the placental syncytiotrophoblasts during pregnancy. PSGs comprise a subgroup of the carcinoembryonic antigen (CEA) family, which belongs to the immunoglobulin superfamily. For additional general information about the PSG gene family, see PSG1 (MIM 176390).
Form	Lyophilized from a 0.2 M filtered solution of 20mM PB, 150mM NaCl, pH7.4
Molecular Mass	35kD
AA Sequence	QVTIEALPPKVSEKDVLLLVHNLQPQLAGYIWYKGQLMDLYHYITSYVVDGQINIYG PAYTGRETIVSNASLLIQNVLTREDAGSYTLHIIKRGDRTRGVTFNLYLKLPKPYI TINNSKPRENKDVLAFCEPKSENYTYIWWLNGQSLPVSPRVKQPIENRILILPSVTR NETGPYECEIRDRDGGMHSDPVTNLNVLGPDLPSTYPSFTYYRSGENLYLSCFAESN PPAEYFWTINGKFQQSGQKLSIPQITTKHRGLYTCVRSATGKESSKSMTVEVSAP SGIGRLPLLNPVDHHHHHHH
Endotoxin	Endotoxin level is <0.1 ng/g of protein (<1EU/g).

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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Purity	>95% as determined by SDS-PAGE and Coomassie blue staining
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Concentration	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
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GENE INFORMATION

Gene Name	PSG5 pregnancy specific beta-1-glycoprotein 5 [Homo sapiens (human)]
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Official Symbol	PSG5
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Synonyms	PSG; FL-NCA-3; PSG5;
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Gene ID	5673
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mRNA Refseq	NM_001130014
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Protein Refseq	NP_001123486
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MIM	176394
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UniProt ID	Q15238
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