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 μM filtered solution of 20mM PB, 150mM NaCl, pH7.4
Molecular Mass	35kD
AA Sequence	QVTIEALPPKVSEGKDVLLLVHNLPQNLAGYIWYKGQLMDLYHYITSYVVDGQINIYG PAYTGRETVYSNASLLIQNVTREDAGSYTLHIIKRGDRTRGVTGYFTFNLYLKLPKPYI TINNSKPRENKDVLAFTCEPKSENYTYIWWLNGQSLPVSPRVKQPIENRILILPSVTR NETGPYECEIRDRDGGMHSDPVTLNVLYGPDLPSIYPSFTYYRSGENLYLSCFAESN PPAEYFWTINGKFQQSGQKLSIPQITTKHRGLYTCSVRNSATGKESSKSMTVEVSAP SGIGRLPLLNPIVDHHHHHH
Endotoxin	Endotoxin level is <0.1 ng/μg of protein (<1EU/μg).

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Purity	>95% as determined by SDS-PAGE and Coomassie blue staining
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.

GENE INFORMATION

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

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