

Recombinant Human PSG5 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. PSG5-504H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	PSG5 MS Standard C13 and N15-labeled recombinant protein (NP_002772) with a C-terminal MYC/DDK tag, was expressed in HEK293 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.
Molecular Mass	37.7 kDa
AA Sequence	MGPLSAPPCTQHITWKGVLLTASLLNFWNLPITAQVTIEALPPKVSEGKDVLLLVHNL PQNLAGYIWYKGQLMDLYHYITSYVVDGQINIYGPAYTGRETVYSNASLLIQNVTRD AGSYTLHIKRGDRTRGVGTGYFTFNLYLKLKPKPYITINNSKPRENKDVLAFTECPKSEN YTYIWWLNGQSLPVSPRVKQPIENRILILPSVTRNETGPYECEIRDRDGGMHSDPVT LNVLYGPDLPSTIYPSFTYYRSGENLYLSCFAESNPPAEYFWTINGKFQQSGQKLSIP QITTKHRGLYTCSVRNSATGKESSKSMTVEVSAPSGIGRLPLLNPITRTRPLEQKLIS EEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	PSG5 pregnancy specific beta-1-glycoprotein 5 [Homo sapiens (human)]
Official Symbol	PSG5
Synonyms	PSG5; pregnancy specific beta-1-glycoprotein 5; PSG; FL-NCA-3; pregnancy-specific beta-1-glycoprotein 5; PS-beta-G-5; PSBG-5; Pregnancy-specific beta-1-glycoprotein-5; fetal liver non-specific cross-reactive antigen 3; pregnancy-specific beta 1 glycoprotein; pregnancy-specific glycoprotein 5
Gene ID	5673
mRNA Refseq	NM_002781
Protein Refseq	NP_002772
MIM	176394
UniProt ID	Q15238

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SDS-PAGE

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