

Recombinant Human PSG8 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. PSG8-4470H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	PSG8 MS Standard C13 and N15-labeled recombinant protein (NP_874366) 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	47.6 kDa
AA Sequence	MGLLSAPPCTQRITWKGLLLTASLLNFWNPPTTAQVTIEAQPTKVSEGKDVLLLVHNL PQNLTGWIWYKGQIRDLYHYITSYVVDGQIIYGPAYSGRETIYSNASLLIQNVTQEDA GSYTLHIIMGGDENRGVTHFTFTLYLETPKPSISSSKLNPREAMEAVSLTCDPETPD ASYLWWWMNGQSLPMSHRLQLSETNRTLFLLGVTKYTAGPYECEIRNPVSASRSDPF TLNLLPKLPKPYITINNLPRENKDVNLFTCEPKSENYTYIWWLNGQSLPVSPRVKRP IENRILILPSVTRNETGPYQCEIRDQYGGIRSYVTLNVLYGPDLPRIYPSFTYYRSGE VLYLSCSADSNPPAQYSWTINGKFQLSGQKLFIPQITTKHSGLYACSVRNSATGKES SKSMTVKVSGKRIPVSLAIGITRTRPLEQKLISEEDLAANDILDYKDDDDKV

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Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
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.

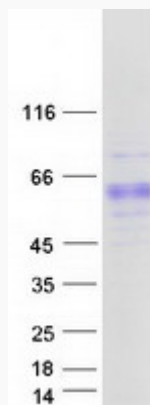
GENE INFORMATION

Gene Name	PSG8 pregnancy specific beta-1-glycoprotein 8 [Homo sapiens (human)]
Official Symbol	PSG8
Synonyms	PSG8; pregnancy specific beta-1-glycoprotein 8; PSG1; pregnancy-specific beta-1-glycoprotein 8; C1 alternate; C2 alternate; C3 alternate; PS-beta-G-8; PSBG-8; pregnancy-specific beta-1 glycoprotein; pregnancy-specific glycoprotein 8
Gene ID	440533
mRNA Refseq	NM_182707
Protein Refseq	NP_874366
MIM	176397
UniProt ID	Q9UQ74

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SDS-PAGE

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