

Recombinant Human PSG6, His-tagged

Cat. No. PSG6-182H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human Pregnancy-Specific β -1-Glycoprotein 6/PSG6 is produced by our mammalian expression system in human cells. The target protein is expressed with sequence (Gln35-His424) of Human PSG6 fused with a 6His tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	35-424 a.a.
Description	Pregnancy-Specific β -1-Glycoprotein 6 (PSG6) belongs to the immunoglobulin superfamily. PSG6 is a secreted protein that includes a 34 amino acid leader peptide and a 108 amino acid N domain. PSG6 contains one Ig-like V-type (immunoglobulin-like) domain and three Ig-like C2-type (immunoglobulin-like) domains. PSG6 is produced in high quantities during pregnancy. The N-terminal domain of PSG6 is sufficient for the induction of monocyte cytokine secretion.
AA Sequence	QVIEAKPPKVSEKDVLLLVHNLQPQLTGYIWYKGQMTDLYHYITSYVVHGQIIYGPA YSGRET VYSNASLLIQNVTQEDAGSYTLHIKRGDGTGGVTGYFTVTLYSETPKPSIS SSNLNPREVMEAV RLICDPETPDASYLWLLNGQNLPMTHRLQLSKTNRTLYLFGVT KYIAGPYECEIRNPVSASRSDP VTLNLLPKLPMPYITINNLPREKKDVLAFCEPKS RNYTYIWWLNGQSLPVSPRVKRPIENRIL ILPSVTRNETGPYQCEIRDYGGIRSNP VTLNVLYGPDLPRIYPSFTYYRSGENLDLSCFADSNP PAEYSWTINGKFQLSGQKLF

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IPQITTNHSGLYACSVRNSATGKEISKSMIVKVSGPCHGNQTESH VDHHHHHH

Endotoxin Less than 0.1 ng/μg (1 IEU/μg).

Purity Greater than 95% as determined by reducing SDS-PAGE.

GENE INFORMATION

Gene Name [PSG6 pregnancy specific beta-1-glycoprotein 6 \[Homo sapiens \]](#)

Official Symbol PSG6

Synonyms PSG6; pregnancy specific beta-1-glycoprotein 6; pregnancy-specific beta-1-glycoprotein 6; PS-beta-G-6; PS-beta-G-10; PS-beta-G-12; pregnancy-specific beta-1-glycoprotein 10; pregnancy-specific beta-1-glycoprotein 12; PSG10; PSBG-6; PSBG-10; PSBG-12;

Gene ID [5675](#)

mRNA Refseq [NM_001031850](#)

Protein Refseq [NP_001027020](#)

MIM [176395](#)

UniProt ID [Q00889](#)

Chromosome Location 19q13.2

Function molecular_function;

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