

## Recombinant Human PSG1 Protein

Catalog #	Source	Reactivity	Applications
CRP2170	Human cells	Human	E, WB, SDS-PAGE, MS
<b>Description</b>	Recombinant Human PSG1 Protein is produced by our mammalian expression system and the target gene encoding Gln35-Pro419 is expressed with a 6His tag at the C-terminus.		
<b>Form</b>	Lyophilized from a 0.2 μM filtered solution of 20mM PB, 150mM NaCl, pH 7.4.		
<b>Gene Symbol</b>	PSG1		
<b>Alternative Names</b>	B1G1; PSBG1; PSGGA; Pregnancy-specific beta-1-glycoprotein 1; PS-beta-G-1; PSBG-1; Pregnancy-specific glycoprotein 1; CD66 antigen-like family member F; Fetal liver non-specific cross-reactive antigen 1/2; FL-NCA-1/2; PSG95; Pregnancy-specific beta-1 glyco		
<b>Entrez Gene</b>	5669 (Human)		
<b>SwissProt</b>	P11464 (Human)		
<b>Purity</b>	Greater than 95% as determined by reducing SDS-PAGE.		
<b>Chemical Structure</b>	<p>QVTIEAEPK VSEGKDVLL VHNLPQNLG YIWYKQMRD LYHYITSYVV DGEIIIYGPA</p> <p>YSGRETAYSN ASLLIQNVTR EDAGSYTLHI IKGDDGTRGV TGRFTFTLHL ETPKPSISS</p> <p>NLNPRETMEA VSLTCDPETP DASYLWWMNG QSLPMTHSLK LSETNRTLFL LGVTKYTAGP</p> <p>YECEIRNPVS ASRSDPVTLN LLPKLPKPYI TINNLNPREN KDVLNFTCEP KSENYTYIWW</p> <p>LNGQSLPVSP RVKRPIENRI LILPSVTRNE TGPYQCEIRD RYGGIRSDPV TLNVLYGPD</p> <p>PRIYPSFTYY RSGEVLYLSC SADSNPAAQY SWTINEKFQL PGQKLFIRHI TTKHSGLYVC</p> <p>SVRNSATGKE SSKSMTVEVS DWTVPVDHHH HHH</p>		
<b>Quality Control</b>	Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.		
<b>Directions for Use</b>	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not		
<b>Application key:</b>	E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, CHIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference		
<b>Species reactivity key:</b>	H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish		

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# Product Data Sheet

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.

## Storage/Stability

Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days.

Aliquots of reconstituted samples are stable at -20°C for 3 months.

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