

Product Data Sheet

Recombinant Human PSG2 Protein

Catalog #	Source	Reactivity	Applications
CRP2171	Human cells	H	E, WB, SDS-PAGE, MS
Description	Recombinant Human PSG2 Protein is produced by mammalian expression system and the target gene encoding Gln35-Thr335 is expressed with a 6His tag at the C-terminus.		
Form	Liquid in a 0.2 µM filtered solution of 20mM PB, 150mM NaCl, pH 7.4.		
Gene Symbol	PSG2		
Alternative Names	PSBG2; Pregnancy-specific beta-1-glycoprotein 2; PS-beta-G-2; PSBG-2; Pregnancy-specific glycoprotein 2; Pregnancy-specific beta-1 glycoprotein E; PS-beta-E		
Entrez Gene	5670 (Human)		
SwissProt	P11465 (Human)		
Purity	Greater than 95% as determined by reducing SDS-PAGE.		
Chemical Structure	QVTIEAQPPK VSEGKDVLLL VHNLPQNLTG YIWYKGQIRD LYHYITSYVV DGQIIYGPA YSGRETAYSN ASLLIQNVTR EDAGSYTLHI IKRGDGTGRV TGYFTFTLYL ETPKPSISS NLNPREAMET VILTCDPETP DTSYQWWMNG QSLPMTHRFQ LSETNRTLFL FGVTKYTAGP YECEIRNSGS ASRSDPVTLN LLHGPDLPRI HPSYTNYSRG DNLYLSCFAN SNPPAQYSWT INGKFQQSGQ NLFIPQITTK HSGLYVCSVR NSATGEESST SLTVKVSAST RIGLLPLLNP TVDHHHHHH		
Quality Control	Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.		
Directions for Use	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. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.		

Application key: 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

Species reactivity key: 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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Storage/Stability

Store it at -20°C to -80°C for one year. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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