

RPPB4318

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## Product Information    Protein Information

**Product SKU:**

RPPB4318

**Accession:**

P11464

**Host:**

Escherichia Coli.

**Protein description:**

PSG1 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 408 amino acids (35-419) and having a molecular mass of 45.9 kDa. PSG1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

**Appearance:**

Sterile filtered colorless solution.

**Synonyms:**

Pregnancy Specific Beta-1-Glycoprotein 1, PSBG1, B1G1, Fetal Liver Non-Specific Cross-Reactive Antigen 1/2, Pregnancy-Specific Beta-1 Glycoprotein C/D, CD66 Antigen-Like Family Member F, PS-Beta-C/D, PS-Beta-G-1, FL-NCA-1/2, PSBG-1, PSGGA, PSG95, SP1, Pregnancy-Specific Beta-1-Glycoprotein 1, Pregnancy-Specific B-1 Glycoprotein, Pregnancy-Specific Glycoprotein 1, CD66f Antigen, DHFRP2, PSGIIA, CD66f, PBG1, PSG1.

**Formulation:**

The PSG1 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol.

**Purity:**

Greater than 80% as determined by SDS-PAGE.

**Stability:**

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Amino Acid Sequence:**

MGSSHHHHHH SSSLVPRGSH MGSQVTIEAE PTKVSEGKDV LLLVHNLQPN LTGYIWYKGGQ MRDLYHYITS  
YVVDGEIIY GPAYSGRETA YSNASLLIQN VTREDAGSYT LHIKGGDDGT RGVTRGRTFT LHLETPKPSI  
SSSNLNPRET MEAVSLTCDP ETPDASYLWW MNGQSLPMTS SLKLSETNRT LFLLGVTKYT AGPYECEIRN  
PVSASRSDPV TLNLLPKLPK PYITINNLNP RENKDVNLFT CEPKSENYTY IWWLNGQSLP VSPRVKRP  
NRILILPSVT RNETGPYQCE IRDRYGGIRS DPVTLNLVYG PDLPRIYPSF TYRSGEVLY LSCSADSNPP  
AQYSWTINEK FQLPGQKLF RHITTKHSG L YVCSVRNSAT GKESKSM TV EVSGKWIP.