

# Human PSG1 Recombinant Protein



RPPB5913

## Product Information Protein Information

**Product SKU:**

RPPB5913

**Accession:**

P11464

**Host:**

Sf9, Baculovirus cells.

**Protein description:**

PSG1 Human Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 394 amino acids (35-419a.a.) and having a molecular mass of 44.6kDa (Molecular size on SDS-PAGE will appear at approximately 40-57kDa). PSG1 is expressed with a 6 amino acids His tag at C-Terminus and 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:**

PSG1 protein solution (0.25mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 20% glycerol.

**Purity:**

Greater than 90% 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:**

ADLQVTIEAE PTKVSEGKDV LLLVHNLPQN LTGYIWYKGQ MRDLYHYITS YVVDGEIIIY GPAYSGRETA  
YSNASLLIQN VTREDAGSYT LHIKGGDDGT RGVTRGRFTT LHLETPKPSI SSSNLNPRET MEAVSLTCDP  
ETPDASYLWW MNGQSLPMTH SLKLSETNRT LFLLGVTKYT AGPYECEIRN PVSASRSDPV TLNLLPKLPK  
PYITINLNP RENKDVLNFT CEPKSENYTY IWWLNGQSLP VSPRVKRPIE NRILILPSVT RNETGPYQCE  
IRDRYGGIRS DPVTLNVLYG PDLPRIYPSF TYRSGEVLY LSCSADSNPP AQYSWTINEK FQLPGQKLF  
RHITTKHSGL YVCSVRNSAT GKESKSMSTV EVSGKWIPHH HHHH.