

## 37-1150: Human Pregnancy Specific GlycoRecombinant Protein 1 Recombinant Protein (His Tag)(Discontinued)

**Reactivity :** Human  
B1G1 Protein, CD66f Protein, DHFRP2 Protein, FL-NCA-1/2 Protein, PBG1 Protein, PS-beta-C/D Protein,  
**Alternative Name :** PS-beta-G-1 Protein, PSBG-1 Protein, PSBG1 Protein, PSG95 Protein, PSGGA Protein, PSGIIA Protein, SP1 Protein,

### Description

#### Source : HEK293 Cells

Pregnancy-specific glycoproteins (PSGs) are a family of Ig-like proteins secreted by specialized placental cells. The PSG1 structure is composed of a single Ig variable region-like N-terminal domain and three Ig constant region-like domains termed A1, A2, and B2. Members of the human and murine PSG family have been shown to induce anti-inflammatory cytokines from monocytes and macrophages and to stimulate angiogenesis. Two distinct domains of PSG1 are involved in the regulation of TGF-beta1 and provide a mechanistic framework for how PSGs modulate the immunoregulatory environment at the maternal-fetal interface for successful pregnancy outcome.

### Product Info

**Amount :** Human Pregnancy Specific GlycoRecombinant Protein 1 Recombinant Protein (His Tag)(Discontinued) / 100 µg  
**Purification :** > 95 % as determined by SDS-PAGE.  
**Content :** Formulation Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.  
**Storage condition :** Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.  
**Amino Acid :** Met1-Pro419

### Application Note

Endotoxin :< 1.0 EU per µg protein as determined by the LAL method.

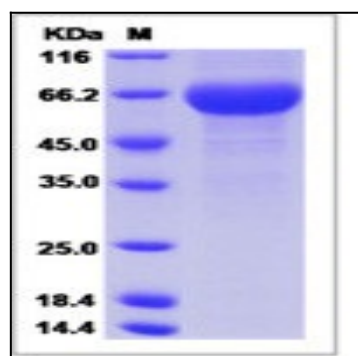


Fig 1: Human Pregnancy Specific GlycoRecombinant Protein 1 Recombinant Protein (His Tag)