

PSG1 Protein, Human (HEK293, Fc)

Cat. No.:	HY-P75986
Synonyms:	Pregnancy-specific beta-1-glycoprotein 1; PSBG-1; FL-NCA-1/2; PSG95; CD66f; B1G1; PSGGA
Species:	Human
Source:	HEK293
Accession:	P11464 (M1-P419)
Gene ID:	5669
Molecular Weight:	Approximately 70.2 kDa

PROPERTIES

Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 μ m filtered solution of PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization.
Endotoxin Level	<1 EU/ μ g, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μ g/mL in ddH ₂ O.
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

DESCRIPTION

Background	PSG1 Protein is a secreted glycoprotein of the human PSG family ^[3] . PSG1 Protein is the most abundant PSG in maternal serum, as a possible inducer of proangiogenic growth factors known to play an important role in establishment of the vasculature at the maternal-fetal interface ^[4] . PSG1 Protein functions primarily as an immune-modulator to protect the growing fetus ^[5] .
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Caution: Product has not been fully validated for medical applications. For research use only.

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