

PSG3 Protein, Human (HEK293, His)

Cat. No.:	HY-P71239
Synonyms:	Pregnancy-specific beta-1-glycoprotein 3; Carcinoembryonic Antigen SG5; Pregnancy-Specific Glycoprotein 3 ; PS-Beta-G-3; PSBG-3
Species:	Human
Source:	HEK293
Accession:	Q16557 (Q35-L428)
Gene ID:	5671
Molecular Weight:	Approximately 58.0 kDa

PROPERTIES

AA Sequence	<pre> Q V T I E A E P T K V S K G K D V L L L V H N L P Q N L A G Y I W Y K G Q M K D L Y H Y I T S Y V V D G Q I I I Y G P A Y S G R E T V Y S N A S L L I Q N V T R E D A G S Y T L H I V K R G D G T R G E T G H F T F T L Y L E T P K P S I S S S N L Y P R E D M E A V S L T C D P E T P D A S Y L W W M N G Q S L P M T H S L Q L S K N K R T L F L F G V T K Y T A G P Y E C E I R N P V S A S R S D P V T L N L L P K L P K P Y I T I N N L N P R E N K D V L A F T C E P K S E N Y T Y I W W L N G Q S L P V S P R V K R P I E N R I L I L P S V T R N E T G P Y Q C E I Q D R Y G G I R S Y P V T L N V L Y G P D L P R I Y P S F T Y Y H S G E N L Y L S C F A D S N P P A E Y S W T I N G K F Q L S G Q K L F I P Q I T T K H S G L Y A C S V R N S A T G M E S S K S M T V K V S A P S G T G H L P G L N P L </pre>
Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH7.4.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH ₂ O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).
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	PSG3 protein, a member of the pregnancy-specific beta-1-glycoprotein (PSBG) family, is abundantly produced during pregnancy. Its expression and secretion are notably heightened, reflecting its crucial role in the unique physiological
-------------------	---

context of pregnancy.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA