

PSG2 Protein, Human (His)

Cat. No.:	HY-P70929
Synonyms:	Pregnancy specific beta-1-glycoprotein 2; PSBG2; Pregnancy-specific beta-1 glycoprotein E; pregnancy-specific beta-1-glycoprotein 2; pregnancy-specific beta-1-glycoprotein 7; PSG2
Species:	Human
Source:	E. coli
Accession:	Q9UBY9 (M1-I170)
Gene ID:	27129
Molecular Weight:	20-25 kDa

PROPERTIES

AA Sequence	<p> M S H R T S S T F R A E R S F H S S S S S S S S S T S S S A S R A L P A Q D P P M E K A L S M F S D D F G S F M R P H S E P L A F P A R P G G A G N I K T L G D A Y E F A V D V R D F S P E D I I V T T S N N H I E V R A E K L A A D G T V M N T F A H K C Q L P E D V D P T S V T S A L R E D G S L T I R A R R H P H T E H V Q Q T F R T E I K I </p>
Appearance	Solution.
Formulation	Supplied as a 0.2 µm filtered solution of 20 mM Tris-HCl, 0.2 M NaCl, 2 mM DTT, 50% Glycerol, pH 8.0.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	N/A
Storage & Stability	Stored at -80°C for 1 year. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles.
Shipping	Shipping with dry ice.

DESCRIPTION

Background	PSG2 Protein, produced by placental syncytiotrophoblasts, plays a crucial role in pregnancy. It contributes to immune modulation, promoting maternal-fetal tolerance. Understanding the functions of PSG2 Protein is essential for studying pregnancy-related complications and developing strategies to improve reproductive health.
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Caution: Product has not been fully validated for medical applications. For research use only.

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