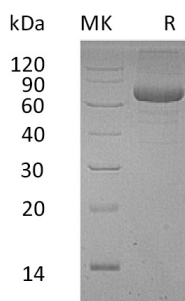


## 概述 (Summary)

|                             |                                                                                                                                                                                                     |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 英文全称                        | PSG9/PSG11                                                                                                                                                                                          |
| 纯度 (Purity)                 | Greater than 95% as determined by reducing SDS-PAGE                                                                                                                                                 |
| 内毒素 (Endotoxin level)       | <1 EU/μg as determined by LAL test.                                                                                                                                                                 |
| 蛋白构建 (Construction)         | Recombinant Human Pregnancy-specific Beta-1-glycoprotein 9 is produced by our Mammalian expression system and the target gene encoding Glu35-Ser426 is expressed with a 6His tag at the C-terminus. |
| Accession #                 | AAH20759.1                                                                                                                                                                                          |
| 蛋白标签 (Tag)                  |                                                                                                                                                                                                     |
| 表达宿主 (Host)                 | Human Cells                                                                                                                                                                                         |
| 种属 (Species)                | Human                                                                                                                                                                                               |
| 预测分子量 (Predicted MW)        | 45.6 KDa                                                                                                                                                                                            |
| 蛋白形态 (Form)                 | Supplied as a 0.2 μm filtered solution of 20mM PB, 150mM NaCl, pH 7.2.                                                                                                                              |
| 储存缓冲液 (Buffer)              |                                                                                                                                                                                                     |
| 运输方式 (Shipping)             | The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.                                                                                  |
| 稳定性&储存 (Stability &Storage) | Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.                                |
| 复溶 (Reconstitution)         |                                                                                                                                                                                                     |

## 电泳图 (SDS-PAGE image)



## 背景 (Background)

|                          |                                                                           |
|--------------------------|---------------------------------------------------------------------------|
| 分子别名 (Alternative Names) | Pregnancy-specific beta-1-glycoprotein 9; PS-beta-G-9; PSBG-9; Pregnancy- |
|--------------------------|---------------------------------------------------------------------------|

**Product Name: Recombinant Human PSG9 (C-6His)**  
**Catalog #: PHH1398**



#### **背景介绍 (References)**

specific glycoprotein 9; PS34; Pregnancy-specific beta-1 glycoprotein B; PS-beta-B; Pregnancy-specific beta-1-glycoprotein 11; PS-beta-G-11; PSBG-11; Pregnancy-specific glycoprotein 11; Pregnancy-specific glycoprotein 7; PSG7; PSG11

Pregnancy-specific beta-1-glycoprotein 9(PSG9) is a secreted protein and contains 3 Ig-like C2-type (immunoglobulin-like) domains, 1 Ig-like V-type (immunoglobulin-like) domain. It is a member of the PSG family, a group of closely related secreted glycoproteins that are highly expressed in fetal placental syncytiotrophoblast cells. The members of the PSG protein family all have a characteristic N-terminal domain that is homologous to the immunoglobulin variable region. PSGs become detectable in serum during the first two to three weeks of pregnancy and increase as the pregnancy progresses, eventually representing the most abundant fetal protein in the maternal blood at term. PSGs function to stimulate secretion of TH2-type cytokines from monocytes, and they may also modulate the maternal immune system during pregnancy, thereby protecting the semi-allogenic fetus from rejection. PSGs are commonly expressed in trophoblast tumors. Eleven human PSG proteins (PSG1-PSG11) have been described.

#### **注意事项 (Note)**

For Research Use Only , Not for Diagnostic Use.