

Catalog No.: RP03571 **Recombinant**

Species	Gene ID	Swiss Prot
Human	5669	P11464

C-His

PSG1; B1G1; PSBG1; PSGGA Pregnancy-specific beta-1-glycoprotein 1

Source	Purification
Mammalian	≥ 95% as determined by reducing SDS-PAGE.

Calculated MW	Observed MW
44.5 KDa	68 KDa

< 1 EU/μg as determined by LAL test.

Lyophilized from a 0.2 μ m filtered solution of 20mM PB, 150mM NaCl, pH 7.4.

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

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PSG1, also named CD66 antigen-like family member F, Fetal liver non-specific cross-reactive antigen 1/2, PSG95, Pregnancy-specific beta-1 glycoprotein C/D, is a secreted protein which belongs to the immunoglobulin superfamily, CEA family. It contains 3 Ig-like C2-type (immunoglobulin-like) domains and 1 Ig-like V-type (immunoglobulin-like) domain. The human placenta is a multihormonal endocrine organ that produces hormones, enzymes, and other molecules that support fetal survival and development.

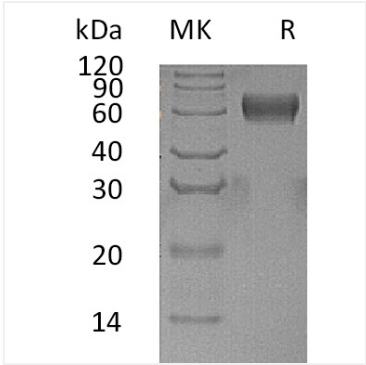
Recombinant Human PSG1 Protein is produced by Mammalian Cells system. The target protein is expressed with sequence (Gln35-Pro419) of Human PSG1(Accession # P11464) fused with His tag at the C-Terminus.

Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt.
After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.
Avoid repeated freeze/thaw cycles.

For your safety and health, please wear a lab coat and disposable gloves for handling.

Validation Data



Recombinant Human PSG1 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.