Recombinant Human PSG1 Protein

ABclonal

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Catalog No.: RP03571 Recombinant

Sequence Information

Species Gene ID Swiss Prot Human 5669 P11464

Tags

C-His

Synonyms

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

Product Information

Source Purification Mammalian ≥ 95% as

determined by reducing SDS-PAGE.

Calculated MW Observed MW

44.5 KDa 68 KDa

Endotoxin

< 1 EU/ μg as determined by LAL test.

Formulation

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

Reconstitution

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

Contact

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Background

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 lg-like C2-type (immunoglobulin-like) domains and 1 lg-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.

Basic Information

Description

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.

Bio-Activity

Shipping

The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

Storage

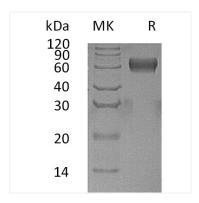
Store at -20°C. Store the lyophilized protein at -20°C to -80°C up to 1 year from the date of receipt.

After reconstitution, the protein solution is stable at -20 $^{\circ}$ C for 3 months, at 2-8 $^{\circ}$ C for up to 1 week.

Avoid repeated freeze/thaw cycles.

Operational Notes

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



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