Recombinant Human PSG1 Protein

Catalog No.: RP03571

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Sequence Information

Species
Human

Gene ID
5669

Swiss Prot
P11464

Tags
C-His

Synonyms
PSG1, B1G1, PSBG1, PSGGA, Pregnancy-specific beta-1-glycoprotein 1

Product Information

Source
Mammalian

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

Calculated MW
44.5 KDa

Observed MW
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.

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 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.

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.

Activity

Shipping
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.

Storage
Store at -20℃

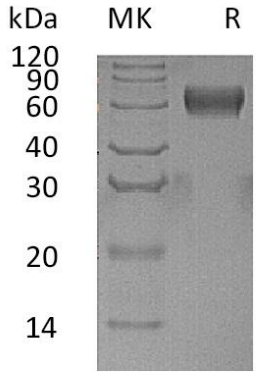
Operational Notes
For your safety and health, please wear a lab coat and disposable gloves for handling.

Contact

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Validation Data



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