Product Name: Recombinant Human PSG3 (C-6His)
Catalog #: PHH1396

Summary

Name	PSG3/Pregnancy-specific beta-1-glycoprotein 3
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	Recombinant Human Pregnancy-specific Beta-1-glycoprotein 3 is produced by our Mammalian expression system and the target gene encoding Gln35-Leu428 is expressed with a 6His tag at the C-terminus.
Accession #	Q16557
Host	Human Cells
Species	Human
Predicted Molecular Mass	45.2 KDa
Formulation	Lyophilized from a 0.2 μm filtered solution of 20mM Citrate, 6% Trehalose, 4% Mannitol, 50mM NaCl, 0.05% Tween 80, pH 4.5.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
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.
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.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.

SDS-PAGE image

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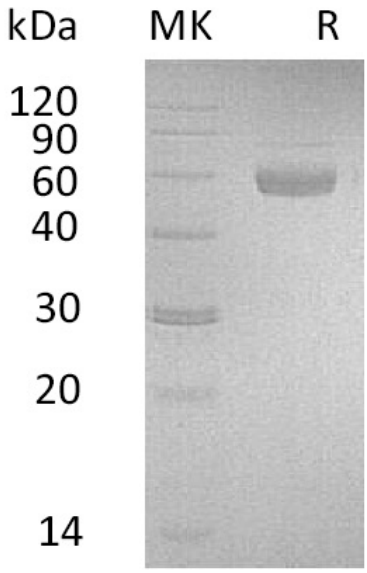

Alternative Names

Pregnancy-specific beta-1-glycoprotein 3;Carcinoembryonic Antigen SG5;Pregnancy-Specific Glycoprotein 3 ;PS-Beta-G-3; PSBG-3.

Background

Pregnancy-specific beta-1-glycoprotein 3 is also known as Carcinoembryonic Antigen SG5,Pregnancy-Specific Glycoprotein 3 ,PS-Beta-G-3, PSBG-3.It belongs to the immunoglobulin superfamily. CEA family.It synthesized in large amounts by placental trophoblasts and released into the maternal circulation during pregnancy. Molecular Cloning and analysis of several PSG genes has indicated that the PSGs form a subgroup of the carcinoembryonic antigen (CEA) gene family, Members of the CEA family consist of a single N domain, with structural similarity to the immunoglobulin variable domains, followed by a variable number of immunoglobulin constant-like A and/or B domains.

Note

For Research Use Only , Not for Diagnostic Use.