

PSG5 Protein, Human, Recombinant (His)

General Information

Synonyms:	PSBG-5;FL-NCA-3;Pregnancy-specific β -1-glycoprotein 5;Pregnancy-specific beta-1-glycoprotein 5;PS- β -G-5;Fetal liver non-specific cross-reactive antigen 3;PS-beta-G-5;Pregnancy-specific glycoprotein 5
Protein Construction:	Gln35-Ile335
Species:	Human
Expression Host:	HEK293 Cells
Accession:	AAH12607.1
Molecular Weight:	48 KDa (reducing condition)
AA Sequence:	Gln35-Ile335

QC Testing

Biological Activity:	Activity has not been tested. It is theoretically active, but we cannot guarantee it. If you require protein activity, we recommend choosing the eukaryotic expression version first.
Purity:	Greater than 95% as determined by reducing SDS-PAGE. (QC verified)
Endotoxin:	< 0.1 ng/ μ g (1 EU/ μ g) as determined by LAL test.
Formulation:	Lyophilized from a solution filtered through a 0.22 μ m filter, containing 20 mM PB, 150 mM NaCl, pH 7.4.

Preparation and Storage

Reconstitution:

Reconstitute the lyophilized protein in distilled water. The product concentration should not be less than 100 μ g/ml. Before opening, centrifuge the tube to collect powder at the bottom. After adding the reconstitution buffer, avoid vortexing or pipetting for mixing.

Stability & Storage:

Lyophilized powders can be stably stored for over 12 months, while liquid products can be stored for 6-12 months at -80°C. For reconstituted protein solutions, the solution can be stored at -20°C to -80°C for at least 3 months. Please avoid multiple freeze-thaw cycles and store products in aliquots.

Actual storage temperature shall be subject to the COA.

Shipping:

In general, lyophilized powders are shipped with blue ice, while solutions are shipped with dry ice.

Protein Background

Pregnancy-specific beta-1-glycoprotein 5, is a secreted protein which belongs to the immunoglobulin superfamily, CEA family. It contains 2 Ig-like C2-type (immunoglobulin-like) domains and 1 Ig-like V-type (immunoglobulin-like) domain.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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