



Recombinant Protein Technical Manual

Recombinant Human PSG5 Protein (His Tag)

RPES2562

Product Data:

Product SKU: RPES2562

Size: 10µg

Species: Human

Expression host: Human Cells

Uniprot: Q15238

Protein Information:

Molecular Mass: 35.0 kDa

AP Molecular Mass: 48 kDa

Tag: C-6His

Bio-activity:

Purity: > 95 % as determined by reducing SDS-PAGE.

Endotoxin: < 1.0 EU per µg as determined by the LAL method.

Storage: Lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

Shipping: This product is provided as lyophilized powder which is shipped with ice packs.

Formulation: Lyophilized from a 0.2 µm filtered solution of 20mM PB,150mM NaCl,pH7.4.

Reconstitution: Please refer to the printed manual for detailed information.

Application:

Synonyms: Pregnancy-specific beta-glycoprotein 5; PS-beta-G-5; PSBG-5; Pregnancy-specific glycoprotein 5; Fetal liver non-specific cross-reactive antigen 3; FL-NCA-3

Immunogen Information:

Sequence: Gln35-Ile335

Background:

Pregnancy-specific beta-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.