



Recombinant Protein Technical Manual
Recombinant Human Choriogonadotropin Subunit
Beta 3/CGB3 Protein (His Tag)
RPES0566

Product Data:

Product SKU: RPES0566

Size: 10µg

Species: Human

Expression host: Human Cells

Uniprot: PODN86

Protein Information:

Molecular Mass: 16.5 kDa

AP Molecular Mass: 31 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, pH 7.4.

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

Application:

Synonyms: Choriogonadotropin subunit beta;CG-beta; Chorionic gonadotrophin chain beta;CGB3;CGB

Immunogen Information:

Sequence: Ser21-Gln165

Background:

Choriogonadotropin subunit beta is also known as CG-beta, Chorionic gonadotrophin chain beta. It is a protein that in humans is encoded by the CGB gene. It belongs to the glycoprotein hormones subunit beta family. Choriogonadotropin subunit beta can stimulates the ovaries to synthesize the steroids that are essential for the maintenance of pregnancy.