

Recombinant Human Choriogonadotropin subunit beta 3/CGB3 Protein

Catalog No.: RP02873 **Recombinant**

Sequence Information

| Species | Gene ID | Swiss Prot |
|---------|---------|------------|
| Human | 1082 | PODN86 |

Tags

C-His

Synonyms

CGB3;CGB;CGB5;CGB7;CGB8;hCGB

Product Information

| Source | Purification |
|--------------|----------------------------------|
| HEK293 cells | > 95% as determined by SEC-HPLC. |

| Calculated MW | Observed MW |
|---------------|-------------|
| 16.7 kDa | 28-35 kDa |

Endotoxin

<1EU/μg

Formulation

Lyophilized from a 0.22 μm filtered solution of 20mM PB, 150mM NaCl, pH 7.4.

Reconstitution

Centrifuge the tube before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Contact

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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 stimulate the ovaries to synthesize the steroids that are essential for the maintenance of pregnancy.

Basic Information

Description

Recombinant Human Choriogonadotropin subunit beta 3/CGB3 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Ser21-Gln165) of Human Choriogonadotropin subunit beta 3/CGB3 (Accession #NP_000728.1) fused with 6×His tag at the C-terminus.

Bio-Activity

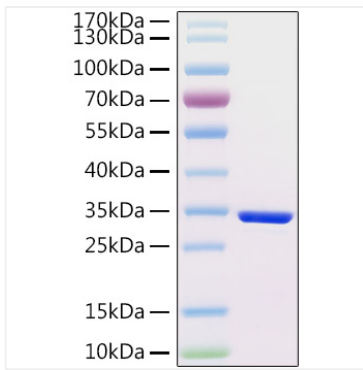
Storage

Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt.

After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

Avoid repeated freeze/thaw cycles.

Validation Data



Recombinant Human CG-beta/CGB3 Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 28-35kDa.