

Recombinant Human Choriogonadotropin subunit beta 3/CGB3 Protein

Catalog No.: RP02873

Sequence Information

Species	Gene ID
Human	1082
Swiss Prot	Tags
P0DN86	C-His

Synonyms

CGB3,CGB,CGB5,CGB7,CGB8,hCGB

Product Information

Source	Purification
HEK293 cells	≥ 95 % as determined by SDS-PAGE.

Calculated MW/Observed MW

16.7 kDa 28-35 kDa

Endotoxin

< 1 EU/μg of the protein by LAL method.

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.

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.

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.

Activity

Shipping

Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Storage

Store at -20°C

Operational Notes

For your safety and health, please wear a lab coat and disposable gloves for handling.

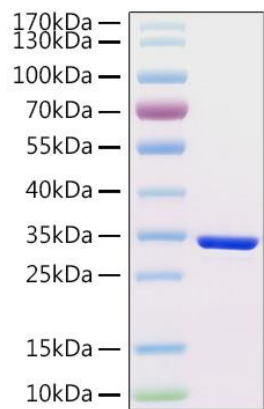
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Validation Data



Recombinant Human Choriogonadotropin subunit beta 3/CGB3 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.