Recombinant Human CGB (C-6His)

Catalog No: CC93

Description	Recombinant Human Choriogonadotropin Subunit Beta is produced by our Mammalian expression system and the target gene encoding Ser21-Gln165 is expressed with a 6His tag at the C-terminus.
Source	Human Cells
Alternative name	Choriogonadotropin subunit beta; CG-beta; Chorionic gonadotrophin chain beta; CGB3; CGB
Accession No.	P0DN86
Formulation	Lyophilized from a 0.2 μm filtered solution of 20mM PB,150mM NaCl, pH7.4.
Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Quality Control	Purity: Greater than 95% as determined by reducing SDS-PAGE. Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
Storage	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
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.
SDS-Page