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Datasheet for ABIN7318310

Chorionic Gonadotropin, beta Polypeptide 3 (CGB3) protein (His tag)

Overview

Quantity:	50 µg
Target:	Chorionic Gonadotropin, beta Polypeptide 3 (CGB3)
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	His tag

Product Details

Purpose:	Recombinant Human Choriogonadotropin Subunit Beta 3/CGB3 Protein (His Tag)
Sequence:	Ser21-Gln165
Characteristics:	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.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	Chorionic Gonadotropin, beta Polypeptide 3 (CGB3)
Alternative Name:	Choriogonadotropin Subunit Beta 3/CGB3 (CGB3 Products)
Background:	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

Target Details

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.

Synonym: Choriogonadotropin subunit beta,CG-beta, Chorionic gonadotrophin chain beta,CGB3,CGB

Molecular Weight: 16.5 kDa

UniProt: [P0DN86](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

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

Buffer: Lyophilized from a 0.2 µm filtered solution of 20 mM PB,150 mM NaCl, pH 7.4.

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Generally, 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.