

# Recombinant Human Choriogonadotropin Subunit Beta 3/CGB3 Protein (His Tag)



Catalog Number:PKSH032251

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

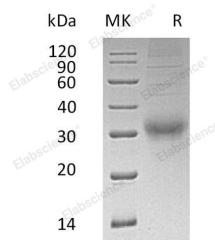
## Description

<b>Synonyms</b>	Choriogonadotropin subunit beta;CG-beta;Chorionic gonadotrophin chain beta;CGB3;CGB
<b>Species</b>	Human
<b>Expression Host</b>	HEK293 Cells
<b>Sequence</b>	Ser21-Gln165
<b>Accession</b>	P0DN86
<b>Calculated Molecular Weight</b>	16.7 kDa
<b>Observed molecular weight</b>	28-35 kDa
<b>Tag</b>	C-His

## Properties

<b>Purity</b>	> 95 % as determined by reducing SDS-PAGE.
<b>Endotoxin</b>	< 1.0 EU per $\mu$ g of the protein as determined by the LAL method.
<b>Storage</b>	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.
<b>Shipping</b>	This product is provided as lyophilized powder which is shipped with ice packs.
<b>Formulation</b>	Lyophilized from a 0.2 $\mu$ m filtered solution of 20mM PB, 150mM NaCl, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Reconstitution</b>	Please refer to the specific buffer information in the printed manual.
	Please refer to the printed manual for detailed information.

## Data



> 95 % as determined by reducing SDS-PAGE.

## 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.

## For Research Use Only

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