

RPCB1889

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## Product Information

<b>Product SKU:</b>	RPCB1889	<b>Gene ID:</b>	94027	<b>Size:</b>	100µg
<b>Tag:</b>	C-His	<b>Reactivity:</b>	Human		

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## Additional Information

<b>Expression Host:</b>	Baculovirus-Insect Cells	<b>Swissprot:</b>	P0DN87
<b>Purity:</b>	> 96% as determined by SEC-HPLC.		

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## Protein Information

**Background:** CGB7 (chorionic gonadotropin, beta polypeptide 7) belongs to the glycoprotein hormones subunit beta family. Glycoprotein hormones are heterodimers consisting of a common alpha subunit and an unique beta subunit which confers biological specificity. CGB7 gene is a member of the glycoprotein hormone beta chain family and encodes the beta 7 subunit of chorionic gonadotropin (CG). CG is produced by the trophoblastic cells of the placenta and stimulates the ovaries to synthesize the steroids that are essential for the maintenance of pregnancy. The beta subunit of CG is encoded by 6 genes which are arranged in tandem and inverted pairs on chromosome 19q13.3 and contiguous with the luteinizing hormone beta subunit gene. CGB7 is used as adjunctive therapy in the treatment of obesity. CGB7 also stimulates the ovaries to synthesize the steroids that are essential for the maintenance of pregnancy.

**Protein Description:** High quality, high purity and low endotoxin recombinant Recombinant Human CGB7 Protein, tested reactivity in Baculovirus-Insect Cells and has been validated in SDS-PAGE. 100% guaranteed.

**Endotoxin:** <1EU/µg

**Formulation:** Lyophilized from a 0.22 µm filtered solution of 20mM Tris, 500mM NaCl, pH 7.4, 10% gly.

**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.