

## Product datasheet for **TP721118M**

### hCG beta (CGB3) (NM\_000737) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human chorionic gonadotropin, beta polypeptide (CGB)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	Ser21-Gln165
Tag:	C-His
Predicted MW:	16.5 kDa
Concentration:	lot specific
Purity:	>95% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	Provided lyophilized from a 0.2 µm filtered solution of 20 mM Tris-HCl, 150 mM NaCl
Endotoxin:	Endotoxin level is < 0.1 ng/µg of protein (< 1 EU/µg)
Storage:	Store at -80°C.
Stability:	Stable for at least 6 months from date of receipt under proper storage and handling conditions.
RefSeq:	<a href="#">NP_000728</a>
Locus ID:	1082
UniProt ID:	<a href="#">P01233</a> , <a href="#">P0DN86</a> , <a href="#">A0A0F7RQP8</a>
RefSeq Size:	933
Cytogenetics:	19q13.33
RefSeq ORF:	495
Synonyms:	CGB; CGB5; CGB7; CGB8; hCGB; LHB



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**Summary:**

This gene is a member of the glycoprotein hormone beta chain family and encodes the beta 3 subunit of chorionic gonadotropin (CG). Glycoprotein hormones are heterodimers consisting of a common alpha subunit and an unique beta subunit which confers biological specificity. 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. [provided by RefSeq, Jul 2008]

**Protein Families:**

Druggable Genome