

## Product datasheet for RC208311L2V

## OriGene Technologies, Inc.

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## hCG beta (CGB7) (NM\_033142) Human Tagged ORF Clone Lentiviral Particle

**Product data:** 

**Product Type:** Lentiviral Particles

**Product Name:** hCG beta (CGB7) (NM\_033142) Human Tagged ORF Clone Lentiviral Particle

Symbol: hCG beta

Synonyms: CG-beta-a; CGB6

Mammalian Cell

Selection:

None

**Vector:** pLenti-C-mGFP (PS100071)

Tag: mGFP

**ACCN:** NM\_033142

ORF Size: 495 bp

**ORF Nucleotide** 

The ORF insert of this clone is exactly the same as(RC208311).

Sequence:

OTI Disclaimer:

The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing

variants is recommended prior to use. More info

**OTI Annotation:** This clone was engineered to express the complete ORF with an expression tag. Expression

varies depending on the nature of the gene.

**RefSeg:** NM 033142.1, NP 149133.1

 RefSeq Size:
 880 bp

 RefSeq ORF:
 498 bp

 Locus ID:
 94027

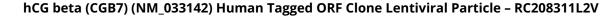
 UniProt ID:
 P01233

Cytogenetics: 19q13.33

**Protein Families:** Druggable Genome, Secreted Protein

**MW:** 17.7 kDa







## **Gene Summary:**

This gene is a member of the glycoprotein hormone beta chain family and encodes the beta 7 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]