

Datasheet for ABIN5378477

## Human CGB7 ORF Clone in Lentiviral Vector (Myc-DYKDDDDK Tag)

### Overview

Quantity:	10 µg
Gene:	CGB7
Species:	Human
Fusion tag:	Myc-DYKDDDDK Tag
Insert:	ORF
Vector:	Lentiviral Vector
Application:	Protein Expression (PEXP)

### Product Details

Purpose:	Lentiviral Vector with ORF clone of Human chorionic gonadotropin, beta polypeptide 7 (CGB7) , C-term Myc-DDK-tagged
Brand:	LentiORF
Insert Length:	498 bp
Vector Backbone:	pLenti-C-Myc-DDK
Promoter:	CMV Promoter
Bacterial Resistance:	Chloramphenicol
Expression Type:	Transient
Specificity:	Restriction Site: SgfI-MluI
Characteristics:	<p>Myc-DDK tagged, C-terminal</p> <p>Broad cell spectrum: Lentivirus infect most cells, dividing &amp; non-dividing, easy-to-transfect &amp; hard-to-transfect cells.</p> <p>High transduction efficiency</p> <p>Convenience: Minimal need for optimization.</p>

Order at [www.genomics-online.com](http://www.genomics-online.com)

USA & Canada: +1 877 302 8632 | [support@antibodies-online.com](mailto:support@antibodies-online.com)

## Product Details

---

Safety: 3rd generation system with improved biosafety.

---

Components: 10 µg of lyophilized plasmid

---

## Target Details

---

Gene: CGB7

---

Abstract: [CGB7 Products](#)

---

Background: 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.

---

NCBI Accession: [NM\\_033142](#), [NP\\_149133](#)

---

## Application Details

---

Application Notes: In hard-to-transfect cells: Detection and purification of over-expressed protein

---

Restrictions: For Research Use only

---

## Handling

---

Format: Lyophilized

---

Storage: 4 °C/-20 °C

---

## Publications

---

Product cited in: Johnson, Drugan, Miller, Evans: "38" in: , Vol. 1363, Issue Nucleic acids research, pp. 28-39, (1991)