

Recombinant Human CGB cell lysate

Cat. No. CGB-341HCL Lot. No. (See product label)

SPECIFICATION

Species	Human
Description	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.
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

GENE INFORMATION

Gene Name	CGB chorionic gonadotropin, beta polypeptide [Homo sapiens]
Official Symbol	CGB
Synonyms	CGB; chorionic gonadotropin, beta polypeptide; choriogonadotropin subunit beta;

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CGB3; CG-beta; chorionic gonadotropin beta chain; chorionic gonadotrophin chain beta; chorionic gonadotropin beta subunit; chorionic gonadotropin beta 3 subunit; CGB5; CGB7; CGB8; hCGB;

Gene ID 1082

mRNA Refseq NM_000737

Protein Refseq NP_000728

MIM 118860

UniProt ID P01233

Chromosome Location 19q13.3

Pathway Glycoprotein hormones, organism-specific biosystem; Metabolism, organism-specific biosystem; Metabolism of amino acids and derivatives, organism-specific biosystem; Peptide hormone biosynthesis, organism-specific biosystem;

Function hormone activity;

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