

Recombinant Full Length Human CGB5 Protein, GST-tagged

Cat. No. CGB5-3302HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CGB5 full-length ORF (AAH06290, 1 a.a. - 165 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	165 amino acids
Description	This gene is a member of the glycoprotein hormone beta chain family and encodes the beta 5 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]
Molecular Mass	43.89 kDa
AA Sequence	MEMFQGLLLLLLLSMGGTWASKEPLRPRCRPINATLAVEKEGCPVCITVNTTICAGY CPTMTRVLQGVLPALPQVVCNYRDVRFESIRLPGCPRGVNPVVSYAVALSCQCALC RRSTTDCGGPKDHPLTCDDPRFQDSSSSKAPPPSLSPSRLPGPSDTPILPQ
Applications	Enzyme-linked Immunoabsorbent Assay

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Western Blot (Recombinant protein)
Antibody Production
Protein Array

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name CGB5 chorionic gonadotropin, beta polypeptide 5 [Homo sapiens]

Official Symbol CGB5

Synonyms CGB5; chorionic gonadotropin, beta polypeptide 5; HCG; chorionic gonadotropin beta 5 subunit; MGC119822;

Gene ID 93659

mRNA Refseq NM_033043

Protein Refseq NP_149032

MIM 608825

UniProt ID P01233

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