

Full-Length

## CGB (Human) Recombinant Protein (P02)

Catalog # H00001082-P02

Size 50 ug

### Specification

Product Description	Human CGB full-length ORF ( AAH41054.1, 1 a.a. - 165 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MEMFQGLLLLLLLSMGGTWASKEPLRPRCPINATLAVEKEGCPVCITVNTTICAGYCPTMTRVLQ GVLPALPQVVCNYRDVRFESIRLPGCPRGVNPVVSYAVALSCQCALCRRSTTDCGGPKDHPLTC DDPRFQASSSSKAPPPSLPSPSRLPGSDTPILPQ
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	44.1
Preparation Method	<a href="#">in vitro wheat germ expression system</a>
Purification	Glutathione Sepharose 4 Fast Flow
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

### Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

## Gene Info — CGB

Entrez GeneID	<a href="#">1082</a>
GeneBank Accession#	<a href="#">BC041054.1</a>
Protein Accession#	<a href="#">AAH41054.1</a>
Gene Name	CGB
Gene Alias	CGB3, hCGB
Gene Description	chorionic gonadotropin, beta polypeptide
Omim ID	<a href="#">118860</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	<p>This gene is a member of the glycoprotein hormone beta chain family and encodes the beta 3 sub unit 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]</p>
Other Designations	chorionic gonadotropin beta 3 subunit chorionic gonadotropin beta chain chorionic gonadotropin beta subunit

## Disease

- [Abortion](#)
- [Genetic Predisposition to Disease](#)