

Recombinant Human CGB2 Protein, GST-Tagged

Cat. No. CGB2-1186H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CGB2 partial ORF (NP_203696, 1 a.a. - 56 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	The beta subunit of chorionic gonadotropin (CGB) is encoded by six highly homologous and structurally similar genes that are arranged in tandem and inverted pairs on chromosome 19q13.3, and contiguous with the luteinizing hormone beta (LHB) subunit gene. The CGB genes are primarily distinguished by differences in the 5' untranscribed region. This gene was originally thought to be one of the two pseudogenes (CGB1 and CGB2) of CGB subunit, however, detection of CGB1 and CGB2 transcripts in vivo, and their presence on the polysomes, suggested that these transcripts are translated. To date, a protein product corresponding to CGB2 has not been isolated. The deduced sequence of the hypothetical protein of 132 aa does not share any similarity with that of functional CGB subunits (PMID:8954017). However, a 163 aa protein, translated from a different frame, is about the same size, and shares 98% identity with other CGB subunits. [provided by RefSeq, Jul 2008]
Molecular Mass	31.9 kDa
AA Sequence	MSTSPVLAEDIPLRERHVKGAAVAAAEHGRDMGIQGAASATVPPHQCHPGCGEG G

 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

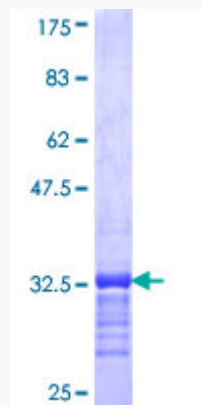
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	CGB2 chorionic gonadotropin, beta polypeptide 2 [Homo sapiens]
Official Symbol	CGB2
Synonyms	CGB2; chorionic gonadotropin, beta polypeptide 2; choriogonadotropin subunit beta variant 2; product of CGB2;
Gene ID	114336
mRNA Refseq	NM_033378
Protein Refseq	NP_203696
MIM	608824
UniProt ID	Q6NT52

 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

**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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