

Recombinant Human CGB5 Protein, MYC/DDK-tagged

Cat. No. CGB5-3221H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CGB5 protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293.
Species	Human
Source	HEK293
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.
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	15.5 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

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Gene Name	CGB5 chorionic gonadotropin, beta polypeptide 5 [Homo sapiens]
Official Symbol	CGB5
Synonyms	HCG
Gene ID	93659
mRNA Refseq	NM_033043
Protein Refseq	NP_149032
MIM	608825
UniProt ID	P01233

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