

Recombinant Human CGB protein, His-tagged

Cat. No. CGB-42H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CGB(Ser21-Gln165) fused with His tag at C-terminal was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Ser21-Gln165
Predicted N Terminal	Ser 21
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. Normally Mannitol or Trehalose are added as protectants before lyophilization.
Molecular Mass	Has a calculated MW of 16.4 kDa. DTT-reduced Protein migrates as 28-34 kDa in SDS-PAGE due to Glycosylation.
Endotoxin	Less than 1.0 EU per µg of the rh CGB /CGB5 by the LAL method.
Purity	>90% as determined by SDS-PAGE.
Storage	Avoid repeated freeze-thaw cycles.No activity loss was observed after storage at:In lyophilized state for 1 year (4 centigrade); After reconstitution under sterile conditions for 3 months (-70 centigrade).

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GENE INFORMATION

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