

## Recombinant Human CGB5, His tagged

Cat. No. CGB5-123H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human CGB5 (P01233-1) (Met1-Gln165), fused with a C-terminal polyhistidine tag, was produced in Human Cell.
<b>Species</b>	Human
<b>Source</b>	Human Cells
<b>ProteinLength</b>	1-165 a.a.
<b>Predicted N Terminal</b>	Ser 21
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization.
<b>Molecular Mass</b>	The recombinant human CGB5 comprises 156 amino acids and has a predicted molecular mass of 17 kDa. The apparent molecular mass of the protein is approximately 34 kDa in SDS-PAGE under reducing conditions.
<b>Endotoxin</b>	< 1.0 eu per µg of the protein as determined by the LAL method.
<b>Purity</b>	>90 % as determined by SDS-PAGE
<b>Stability</b>	Samples are stable for up to twelve months from date of receipt at -70oC.
<b>Storage</b>	Store it under sterile conditions at -20oC~-70oC. It is recommended that the protein

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be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

**Reconstitution**

It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4°C before opening to recover the entire contents.

**GENE INFORMATION**

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

**Official Symbol** CGB5

**Gene ID** 93659

**mRNA Refseq** NM\_033043

**Protein Refseq** NP\_149032

**MIM** 608825

**UniProt ID** P01233

**Chromosome Location** 19q13.32

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