

# Human CGB5/CG-beta (His Tag) recombinant protein



Catalog Number: 502100

## General Information

### Gene Name Synonym

Chorionic gonadotrophin chain beta

### Protein Construction

A DNA sequence encoding the human CGB5 (P01233-1) (Met1-Gln165) was expressed with a C-terminal polyhistidine tag.

### Organism

Human

### Expression Host

Human Cells

## QC Testing

### Purity

> 90 % as determined by SDS-PAGE

### Endotoxin

< 1.0 EU per  $\mu$ g of the protein as determined by the LAL method

### Stability

Samples are stable for up to twelve months from date of receipt at -70°C

### Predicted N terminal

Ser 21

### Molecular Mass

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.

### Formulation

Lyophilized from sterile PBS, pH 7.4.

1. 5 % trehalose and mannitol are added as protectants before lyophilization.
2. Please contact us for any concerns or special requirements.

## Usage Guide

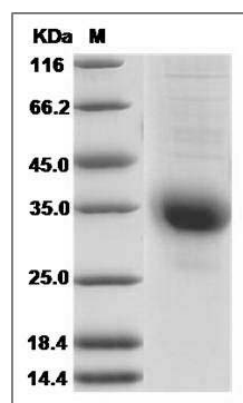
### Storage

Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

### Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

### SDS-PAGE



Human CGB5 Protein (His Tag) SDS-PAGE