

Recombinant human HCG Beta protein, C-His (HEK293)

Catalog Number: bs-43172P

Concentration: >0.5mg/ml

Species: Human

AA Seq: 21-165/165

Predicted MW: 17.5 kDa

Tags: C-His

Endotoxin: Not analyzed

Purity: >90% as determined by SDS-PAGE

Purification: AC

Form: Liquid

Storage: PBS (pH=7.4).

Stored at -70°C or -20°C. Avoid repeated freeze/thaw cycles.

Background: This gene is a member of the glycoprotein hormone beta chain family and encodes the beta 3 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. [provided by RefSeq, Jul 2008]

VALIDATION IMAGES



The purity of the protein is greater than 90% as determined by reducing SDS-PAGE.