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CGB, 21-165aa, Human, His tag, E.coli

产品货号: TP01596

第三版

别名:Choriogonadotropin subunit beta precursor, CGB3, CGB5, CGB7, CGB8, Hcgb

**描述:**CGB is a member of the glycoprotein hormone beta chain family and is 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. Recombinant human CGB protein, fused to His-tag at N-terminus, was expressed in E.coli.

**配方:**Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea, 10% glycerol

**分子量:**17.9 kDa (168aa)

**序列:**

MGSSHHHHHSSGLVPRGSHMGSSKEPLRPRCPINATLAVEKEGCPVCITVNTTICAGYCPTMTRVLQGVLPALPQVV  
CNYRDVRFESIRLPGCPRGVNPVVSYAVALSCQCALCRRSTTDCGGPKDHPLTCDDPRFQDSSSSKAPPPSLPSPSRLPGPSD  
TPILPQ

**纯度:**> 95% by HPLC

**浓度:**0.5 mg/ml (determined by Bradford assay)

**内毒素:**<1.0 EU per 1 ug of protein (determined by LAL method)

**存储:** +4 ° C 保存 (1-2 周). 长期保存在-20 ° C或者-70 ° C. 避免反复冻融.