

本公司提供的电子版本说明书仅供参考，实验请以收到的纸质手册为准。

CGB3, 21-165aa, Human, His-tag, Baculovirus

产品货号: TP01597

第三版

别名:Choriogonadotropin subunit beta, CGB3, CGB, CGB5, CGB7, CGB8, hCGB

描述:CGB3, also known as choriogonadotropin subunit beta, is a member of the glycoprotein hormone beta chain family and encodes the beta 3 subunit of chorionic gonadotropin (CG). It stimulates the expression of GCM1 target genes, including the fusogenic protein syncytin-1, to promote placental cell fusion. It synthesized in large quantities by the developing placenta, reaching peak concentrations in maternal blood during the late first trimester and early midtrimester of pregnancy. It is expressed exclusively by trophoblasts. It is an important biomarker in pregnancy and oncology, where it is routinely detected and quantified by specific immunoassays. Recombinant human CGB3, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

配方:Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.

分子量:16.6kDa (154aa)18-28kDa (SDS-PAGE under reducing conditions)

序列:

ADPSKEPLRPRCRPINATLAVEKEGCPVCITVNTTICAGYCPTMTRVLQGVLPAQPQVVCNYRDVRFESIRLPGCPRGVNP
VVSYAVALSCQCALCRRSTTDCGGPKDHPLTCDDPRFQDSSSSKAPPPSLPSPSRLPGPSDTPILPQHHHHHH

纯度:> 95% by HPLC

浓度:0.25mg/ml (determined by Absorbance at 280nm)

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.