9051 Mira Mesa Blvd, #910094
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CGB Human

CGB Human Recombinant
HRM0011

Product Overview

Name	CGB Human
Description	
CGB Human Recombinant	
Accession (Primary)	P01233
Synonyms	
CGB3, CGB5, CGB7, CGB8, hCGB, CG-beta, CGB.	
Introduction	
Glycoprotein hormones are heterodimers consisting of a common alpha subunit and a unique beta subunit which confers biological specificity. CGB is a member of the glycoprotein hormone beta chain family and is the beta 3 subunit of (CG). CG is produced by the trophoblastic cells of the placenta and stimulates the ovaries. 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.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile filtered colorless solution.	
Formulation	
CGB protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 85.0% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGS SKEPLRP RCRPINATLA VEKEGCPVCI TVNTTICAGY CPTMTRVLQG VLPALPQVVC NYRDVRFESI RLPGCPRGVN PVVSYAVALS CQCALCRRST TDCGGPKDHP LTCDDPRFQD SSSSKAPPPS LPSPSRLPGP SDTPILPQ.	
Precautions	

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CGB Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P01233)