Datasheet for ABIN7317303

CGB7 Protein (His tag)

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Overview

Quantity:	100 µg
Target:	CGB7
Origin:	Human
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CGB7 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human CGB7 Protein (His Tag)
Sequence:	Met 1-Gln 165
Characteristics:	A DNA sequence encoding the human CGB7 isoform 1 (P01233-1) (Met 1-Gln 165) was fused with a polyhistidine tag at the C-terminus.
Purity:	> 96 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	CGB7
Alternative Name:	CGB7 (CGB7 Products)
Background:	Background: CGB7 (chorionic gonadotropin, beta polypeptide 7) belongs to the glycoprotein hormones subunit beta family. Glycoprotein hormones are heterodimers consisting of a common alpha subunit and an unique beta subunit which confers biological specificity. CGB7

Target Details

	gene is a member of the glycoprotein hormone beta chain family and encodes the beta 7 subunit of chorionic gonadotropin (CG). 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. CGB7 is used as adjunctive therapy in the treatment of obesity. CGB7 also stimulates the ovaries to synthesize the steroids that are essential for the maintenance of pregnancy. Synonym: CG-beta-a,CGB6
Molecular Weight:	17 kDa

Application Details

Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Please refer to the printed manual for detailed information.
Buffer:	Lyophilized from sterile 20 mM Tris, 500 mM NaCl, pH 7.4, 10 % glycerol
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.