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## **CGA Protein (partial) (His tag)**



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Quantity:	100 μg
Target:	CGA
Protein Characteristics:	partial
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CGA protein is labelled with His tag.
Application:	Western Blotting (WB)

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Product Details		
Sequence:	Ala 25 - Ser 116	
Purity:	>92 % as determined by SDS-PAGE.	
Endotoxin Level:	Endotoxin level is less than 1.0 EU per ug by the LAL method.	
Target Details		
Target:	CGA	

Alternative Name: CG alpha (CGA Products) Background: Chorionic gonadotrophin subunit alpha (CGA), a member of the glycoprotein hormones subunit alpha family, is also known as glycoprotein hormones alpha chain, choriogonadotropin alpha chain, follicle-stimulating hormone alpha chain (FSH-alpha), luteinizing hormone alpha chain (LSH-alpha) and thyroid-stimulating hormone alpha chain (TSH-alpha). The hormones human

### **Target Details**

Molecular Weight:

chorionic gonadotropin (hCG), luteinizing hormone (LH), follicle-stimulating hormone (FSH), and
thyroid-stimulating hormone (TSH) are dimers consisting of alpha and beta subunits that are
associated noncovalently. The alpha subunits (CGA) of these four human glycoprotein
hormones are nearly identical, however, their beta chains are unique and confer biological
specificity.
12.1 kDa
1081
P01215

Pathways:

Gene ID:

UniProt:

Metabolism of Steroid Hormones and Vitamin D, Thyroid Hormone Synthesis, Hormone Transport, Peptide Hormone Metabolism

## **Application Details**

Application Notes:	This recombinant protein can be used for WB.
Restrictions:	For Research Use only

## Handling

Format:	Lyophilized	
Buffer:	PBS, pH 7.4	
Handling Advice:	Avoid repeated freeze-thaw cycles.	
Storage:	-20 °C,-80 °C	
Storage Comment:	nt: Lyophilized Protein should be stored at -20°C or lower for long term storage. Upon reconstitution, working aliquots should be stored at -20°C or -70°C.	