

Datasheet for ABIN7317141

**Chorionic Gonadotropin, alpha (CGA) Protein****1** Image[Go to Product page](#)

## Overview

Quantity:	50 µg
Target:	Chorionic Gonadotropin, alpha (CGA)
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant

## Product Details

Purpose:	Recombinant Human CGA/HCG Protein
Sequence:	Met 1-Ser116
Characteristics:	A DNA sequence encoding the human CGA (NP_000726.1) (Met1-Ser116) was expressed.
Purity:	> 90 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg of the protein as determined by the LAL method.

## Target Details

Target:	Chorionic Gonadotropin, alpha (CGA)
Alternative Name:	CGA/HCG ( <a href="#">CGA Products</a> )
Background:	Background: The four human glycoprotein hormones chorionic gonadotropin (CG), 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 of these hormones are identical, however, their beta chains are unique and confer biological specificity. The protein encoded by this gene is the alpha subunit and belongs to the

## Target Details

glycoprotein hormones alpha chain family. Two transcript variants encoding different isoforms have been found for this gene.  
Synonym: CG-ALPHA,FSH alpha,FSHA,GPHa,GPHA1,HCG,LHA,TSHA

Molecular Weight: 10.2 kDa

NCBI Accession: [NP\\_000726](#)

## Application Details

Restrictions: For Research Use only

## Handling

Format: Lyophilized

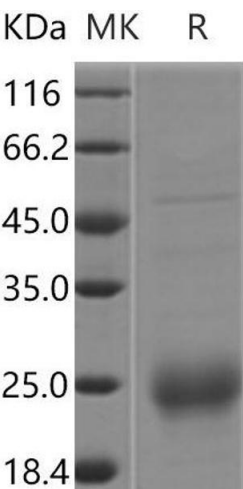
Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from sterile PBS, pH 7.4

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.

## Images



### Western Blotting

Image 1.