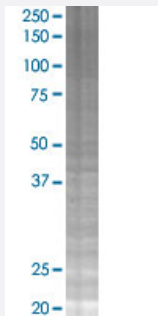


CGA 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00001081-T03

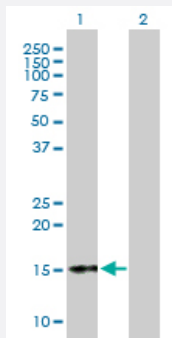
Size 100 uL

Applications



SDS-PAGE Gel

CGA transfected lysate.



Western Blot

Lane 1: CGA transfected lysate (13.10 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-CGA full-length
Host	Human
Theoretical MW (kDa)	13.1
Interspecies Antigen Sequence	Mouse (73); Rat (71)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-CGA antibody ([H00001081-D01P](#)) by Western Blots.
 SDS-PAGE Gel
 CGA transfected lysate.
 Western Blot
 Lane 1: CGA transfected lysate (13.10 KDa)
 Lane 2: Non-transfected lysate.

Storage Buffer

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — CGA

Entrez GeneID

[1081](#)

GeneBank Accession#

[NM_000735](#)

Protein Accession#

[NP_000726.1](#)

Gene Name

CGA

Gene Alias

CG-ALPHA, FSHA, GPHA1, GPHa, HCG, LHA, TSHA

Gene Description

glycoprotein hormones, alpha polypeptide

Omim ID

[118850](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

The four human glycoprotein hormones chorionic gonadotropin (CG), luteinizing hormone (LH), follicle stimulating hormone (FSH), and thyroid stimulating hormone (TSH) are dimers consisting of an 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 glycoprotein hormones alpha chain family. [provided by RefSeq]

Other Designations

OTTHUMP00000016825|chorionic gonadotropin, alpha polypeptide|follicle-stimulating hormone alpha subunit

Pathway

- [Autoimmune thyroid disease](#)
- [GnRH signaling pathway](#)
- [Neuroactive ligand-receptor interaction](#)

Disease

- [Asperger Syndrome](#)
- [Autistic Disorder](#)
- [Breast Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Lung Neoplasms](#)
- [Obesity](#)
- [Ovarian Failure](#)
- [Polycystic Ovary Syndrome](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)
- [Puberty](#)
- [Pulmonary Disease](#)
- [Social Perception](#)
- [Thrombophilia](#)
- [Thyroid Neoplasms](#)
- [Tobacco Use Disorder](#)
- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)