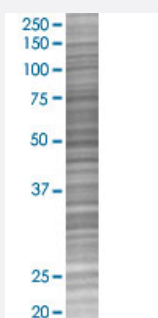


TGFA 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00007039-T01

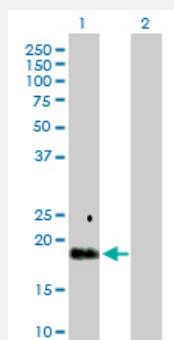
Size 100 uL

Applications



SDS-PAGE Gel

TGFA transfected lysate.



Western Blot

Lane 1: TGFA transfected lysate (17.00 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line 293T

Plasmid pCMV-TGFA full-length

Host Human

Theoretical MW (kDa) 17

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-TGFA antibody ([H00007039-D01P](#)) by Western Blots.

SDS-PAGE Gel

TGFA transfected lysate.

Western Blot

Lane 1: TGFA transfected lysate (17.00 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 — TGFA

Entrez GeneID[7039](#)**GeneBank Accession#**[NM_003236](#)**Protein Accession#**[NP_003227.1](#)**Gene Name**

TGFA

Gene Alias

TFGA

Gene Description

transforming growth factor, alpha

Omim ID[190170](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

Transforming growth factors (TGFs) are biologically active polypeptides that reversibly confer the transformed phenotype on cultured cells. TGF-alpha shows about 40% sequence homology with epidermal growth factor (EGF; MIM 131530) and competes with EGF for binding to the EGF receptor (MIM 131550), stimulating its phosphorylation and producing a mitogenic response.[supplied by OMIM]

Other Designations

transforming growth factor-alpha

Pathway

- [ErbB signaling pathway](#)
- [Glioma](#)
- [Non-small cell lung cancer](#)
- [Pancreatic cancer](#)

- [Pathways in cancer](#)
- [Prostate cancer](#)
- [Renal cell carcinoma](#)

Disease

- [Adenocarcinoma](#)
- [Anodontia](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Diabetes Mellitus](#)
- [Disease Models](#)
- [Drug Toxicity](#)
- [Edema](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Hepatitis B](#)
- [Irritable Bowel Syndrome](#)
- [Liver Neoplasms](#)
- [Mouth Neoplasms](#)
- [Pre-Eclampsia](#)
- [Prenatal Exposure Delayed Effects](#)
- [Stomach Neoplasms](#)
- [Tobacco Use Disorder](#)
- [Tooth Abnormalities](#)

- [Uniparental Disomy](#)