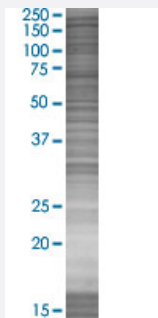


IGF1R 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00003480-T01

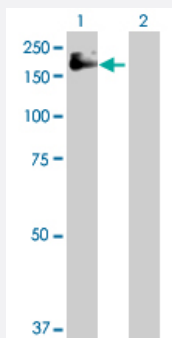
Size 100 uL

Applications



SDS-PAGE Gel

IGF1R transfected lysate.



Western Blot

Lane 1: IGF1R transfected lysate (154.80 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-IGF1R full-length
Host	Human
Theoretical MW (kDa)	154.8
Interspecies Antigen Sequence	Mouse (96); Rat (95)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-IGF1R antibody ([H00003480-D01P](#)) by Western Blots.
 SDS-PAGE Gel
 IGF1R transfected lysate.
 Western Blot
 Lane 1: IGF1R transfected lysate (154.80 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 — IGF1R

Entrez GeneID

[3480](#)

GeneBank Accession#

[NM_000875](#)

Protein Accession#

[NP_000866.1](#)

Gene Name

IGF1R

Gene Alias

CD221, IGFI, JTK13, MGC142170, MGC142172, MGC18216

Gene Description

insulin-like growth factor 1 receptor

Omim ID

[147370](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

This receptor binds insulin-like growth factor with a high affinity. It has tyrosine kinase activity. The insulin-like growth factor I receptor plays a critical role in transformation events. Cleavage of the precursor generates alpha and beta subunits. It is highly overexpressed in most malignant tissues where it functions as an anti-apoptotic agent by enhancing cell survival. [provided by RefSeq]

Other Designations

soluble IGF1R variant 1|soluble IGF1R variant 2

Pathway

- [Adherens junction](#)
- [Colorectal cancer](#)
- [Endocytosis](#)
- [Focal adhesion](#)
- [Glioma](#)
- [Long-term depression](#)
- [Melanoma](#)
- [Pathways in cancer](#)
- [Prostate cancer](#)

Disease

- [Abortion](#)
- [Adenocarcinoma](#)
- [Adenoma](#)
- [Alzheimer disease](#)
- [Anemia](#)
- [Aneuploidy](#)
- [Atherosclerosis](#)
- [Bacteremia](#)
- [Barrett Esophagus](#)
- [Birth Weight](#)
- [Body Weight](#)
- [Bone Diseases](#)
- [Brain Ischemia](#)
- [Brain Neoplasms](#)
- [Breast cancer](#)

- [Breast Neoplasms](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Chorioamnionitis](#)
- [Colon cancer](#)
- [Colonic Neoplasms](#)
- [Colonic Polyps](#)
- [Colorectal Neoplasms](#)
- [Dementia](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Edema](#)
- [Esophageal Neoplasms](#)
- [Esophagitis](#)
- [Fetal Growth Retardation](#)
- [Fetal Membranes](#)
- [Gastroesophageal Reflux](#)
- [Genetic Predisposition to Disease](#)
- [Glucose Intolerance](#)
- [Growth Disorders](#)
- [Head and Neck Neoplasms](#)
- [Hyperplasia](#)
- [Hypertension](#)
- [Insulin Resistance](#)
- [Intracranial Arteriosclerosis](#)

- [Kidney Failure](#)
- [Liver Neoplasms](#)
- [Lung Neoplasms](#)
- [Lymphoma](#)
- [Metabolic Syndrome X](#)
- [Metaplasia](#)
- [Microsatellite Instability](#)
- [Multiple Myeloma](#)
- [Neoplasms](#)
- [Obesity](#)
- [Obstetric Labor](#)
- [Osteoporosis](#)
- [Ovarian cancer](#)
- [Ovarian Failure](#)
- [Ovarian Neoplasms](#)
- [Pancreatic Neoplasms](#)
- [Polycystic Ovary Syndrome](#)
- [Pre-Eclampsia](#)
- [Premature Birth](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)
- [Puberty](#)
- [Pulmonary Disease](#)
- [Recurrence](#)
- [Retinopathy of Prematurity](#)
- [Schizophrenia](#)

- [Skin Neoplasms](#)
- [Spinal Diseases](#)
- [Stomach Neoplasms](#)
- [Stroke](#)
- [Testicular Neoplasms](#)
- [Thrombophilia](#)
- [Tobacco Use Disorder](#)
- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)