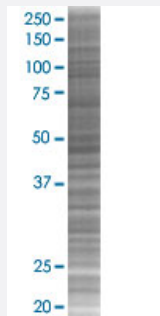


MIF 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00004282-T01

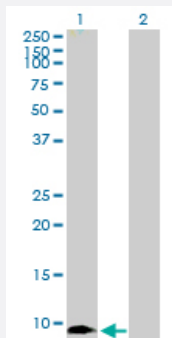
Size 100 uL

Applications



SDS-PAGE Gel

MIF transfected lysate.



Western Blot

Lane 1: MIF transfected lysate (12.50 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-MIF full-length
Host	Human
Theoretical MW (kDa)	12.5
Interspecies Antigen Sequence	Mouse (90); Rat (90)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-MIF antibody ([H00004282-D01P](#)) by Western Blots.

SDS-PAGE Gel

MIF transfected lysate.

Western Blot

Lane 1: MIF transfected lysate (12.50 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 — MIF

Entrez GeneID

[4282](#)

GeneBank Accession#

[NM_002415](#)

Protein Accession#

[NP_002406.1](#)

Gene Name

MIF

Gene Alias

GIF, GLIF, MMIF

Gene Description

macrophage migration inhibitory factor (glycosylation-inhibiting factor)

Omim ID

[153620 604302](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

This gene encodes a lymphokine involved in cell-mediated immunity, immunoregulation, and inflammation. It plays a role in the regulation of macrophage function in host defense through the suppression of anti-inflammatory effects of glucocorticoids. This lymphokine and the JAB1 protein form a complex in the cytosol near the peripheral plasma membrane, which may indicate an additional role in integrin signaling pathways. [provided by RefSeq]

Other Designations

glycosylation-inhibiting factor|phenylpyruvate tautomerase

Pathway

- [Phenylalanine metabolism](#)
- [Tyrosine metabolism](#)

Disease

- [Acute Disease](#)
- [Alopecia Areata](#)
- [Alphavirus Infections](#)
- [Alzheimer disease](#)
- [Amyotrophic lateral sclerosis](#)
- [Anemia](#)
- [Anoxia](#)
- [Arthralgia](#)
- [Arthritis](#)
- [Asthma](#)
- [Atherosclerosis](#)
- [Atrophy](#)
- [Autoimmune Diseases](#)
- [Biliary Atresia](#)
- [Birth Weight](#)
- [Bone Resorption](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Carotid Artery Diseases](#)
- [Cerebrovascular Accident](#)
- [Chagas Disease](#)

- [Chorioamnionitis](#)
- [Chronic Disease](#)
- [Colitis](#)
- [Community-Acquired Infections](#)
- [Coronary Disease](#)
- [Coronary Vessel Anomalies](#)
- [Crohn Disease](#)
- [Cystic fibrosis](#)
- [Diabetes Mellitus](#)
- [Disease Models](#)
- [Disease Progression](#)
- [Disease Susceptibility](#)
- [Dyspepsia](#)
- [Edema](#)
- [Esophagitis](#)
- [Familial Mediterranean fever](#)
- [Fatty Liver](#)
- [Fetal Membranes](#)
- [Gastritis](#)
- [Genetic Predisposition to Disease](#)
- [Glioblastoma](#)
- [Glioma](#)
- [Glomerulosclerosis](#)
- [Hamartoma](#)
- [Helicobacter Infections](#)
- [Hypercholesterolemia](#)

- [Hypersensitivity](#)
- [Hypertension](#)
- [Inflammation](#)
- [Inflammatory Bowel Diseases](#)
- [Kidney Diseases](#)
- [Kidney Failure](#)
- [Leukemia](#)
- [Liver Diseases](#)
- [Lung Diseases](#)
- [Lung Neoplasms](#)
- [Lupus Erythematosus](#)
- [Malaria](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)
- [Metaplasia](#)
- [Mucocutaneous Lymph Node Syndrome](#)
- [Multiple Sclerosis](#)
- [Myocardial Infarction](#)
- [Neoplasms](#)
- [Nephrosis](#)
- [Nephrotic Syndrome](#)
- [Obesity](#)
- [Obstetric Labor](#)
- [Pain](#)
- [Pancreatitis](#)
- [Paraplegia](#)

- [Parasitemia](#)
- [Pneumonia](#)
- [Pre-Eclampsia](#)
- [Premature Birth](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)
- [Psoriasis](#)
- [Purpura](#)
- [Radiation Injuries](#)
- [Radiation Pneumonitis](#)
- [Recurrence](#)
- [Sarcoidosis](#)
- [Sepsis](#)
- [Stomach Neoplasms](#)
- [Temporal Arteritis](#)
- [Tooth Loss](#)
- [Tuberculosis](#)
- [Vasculitis](#)
- [Vision Disorders](#)