MIF (Human) Recombinant Protein

Catalog # P8930 Size 25 ug

Specification

Product Description	Human MIF (P14174) recombinant protein expressed in *Escherichia coli*.
Sequence	MPMFIVNTNVPRASVPDGFLSELTQQLAQATGKPPQYIAVHVVPDQLMAFGGSSEPCALCSLHSI GKIGGAQNRSYSKLLCGLLAERLRISPDRVYINYYDMNAANVGWNNSTFA.
Host	Escherichia coli
Theoretical MW (kDa)	12.5
Form	Lyophilized
Preparation Method	*Escherichia coli* expression system
Purity	> 97% by HPLC and SDS PAGE
Storage Buffer	Lyophilized from 10mM sodium phosphate buffer pH-7.5.
Storage Instruction	Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Applications

- Functional Study
- SDS-PAGE

Gene Info — MIF

Entrez GeneID	4282
Protein Accession#	P14174

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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

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- 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

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- 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

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- 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

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- Tuberculosis
- Vasculitis
- Vision Disorders

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