

## Recombinant Murine MIG

<b>CATALOG #:</b>	4241-20	20 µg
	4241-1000	1 mg
<b>LOT #:</b>	_____	
<b>SOURCE:</b>	<i>E. coli</i>	
<b>PURITY:</b>	>98% by SDS-PAGE and HPLC analyses Endotoxin level is <0.1 ng per µg of MIG.	
<b>MOL. WEIGHT:</b>	12.2 kDa	
<b>FORM:</b>	Sterile filtered and lyophilized from 3 mM Tris, pH7.6	

### RECONSTITUTION:

Centrifuge the vial prior to opening. Reconstitute in water to a concentration of 1 mg/ml. The solution can be diluted into other buffered solutions or store at -20°C for future use.

### STORAGE CONDITIONS:

The lyophilized MIG is best-stored desiccated below 0°C. Reconstituted murine MIG should be stored in working aliquots at -20°C.

### DESCRIPTION:

Murine MIG (monokine induced by interferon gamma) is produced by macrophages and other cells. It is a member of the alpha chemokine family (C-X-C) of cytokines. MIG acts as a chemoattractant toward monocytes, lymphocytes, and certain T cells. Murine MIG is a 12.2 kDa protein that consists of 105 amino acid residues.

### BIOLOGICAL ACTIVITY:

The biological activity of murine MIG was determined by its ability to chemoattract human lymphocytes using a concentration range of 0.1-1.0 ng/ml.

### RELATED PRODUCTS:

#### Apoptosis Detection Kits & Reagents

- Annexin V Kits & Bulk Reagents
- Caspase Assay Kits & Reagents
- Mitochondrial Apoptosis Kits & Reagents
- Nuclear Apoptosis Kits & Reagents
- Apoptosis Inducers and Set
- Apoptosis siRNA Vectors

#### Cell Fractionation System

- Mitochondria/Cytosol Fractionation Kit
- Nuclear/Cytosol Fractionation Kit
- Membrane Protein Extraction Kit
- Cytosol/Particulate Rapid Separation Kit
- Mammalian Cell Extraction Kit
- FractionPREP Fractionation System

#### Cell Proliferation & Senescence

- Quick Cell Proliferation Assay Kit
- Senescence Detection Kit
- High Throughput Apoptosis/Cell Viability Assay Kits
- LDH-Cytotoxicity Assay Kit
- Bioluminescence Cytotoxicity Assay Kit
- Live/Dead Cell Staining Kit

#### Cell Damage & Repair

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- HAT Colorimetric Assay Kit & Reagents
- DNA Damage Quantification Kit
- Glutathione & Nitric Oxide Fluorometric & Colorimetric Assay Kits

#### Signal Transduction

- cAMP & cGMP Assay Kits
- Akt & JNK Activity Assay Kits
- Beta-Secretase Activity Assay Kit

#### Adipocyte & Lipid Transfer

- Recombinant Adiponectin, Survivin, & Leptin
- CETP Activity Assay & Drug Discovery Kits
- PLTP Activity Assay & Drug Discovery Kits
- Total Cholesterol Quantification Kit

#### Molecular Biology & Reporter Assays

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- Cloning Insert Quick Screening Kit
- Mitochondrial & Genomic DNA Isolation Kits
- 5 Minutes DNA Ligation Kit
- 20 Minutes Gel Staining/Destaining Kit
- β -Galactosidase Staining Kit & Luciferase Reporter Assay Kit

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