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Datasheet for ABIN7092690

MIF Protein (Fc Tag)

Overview

Quantity:	100 µg
Target:	MIF
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This MIF protein is labelled with Fc Tag.

Product Details

Purpose:	Recombinant human MIF protein with C-terminal hFc tag
Specificity:	MIF (Pro2-Ala115) hFc (Glu99-Ala330)
Characteristics:	Extracellular Domain Protein
Purification:	affinity purification
Purity:	The purity of the protein is greater than 95 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	MIF
Alternative Name:	MIF (MIF Products)
Background:	Synonyms: GIF, GLIF, MMIF Description: This gene encodes a lymphokine involved in cell-mediated immunity, immunoregulation, and inflammation. It plays a role in the regulation of macrophage function in

Target Details

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, Jul 2008]

Molecular Weight: predicted molecular mass of 38.5 kDa after removal of the signal peptide. The apparent molecular mass of MIF-hFc is 35-55 kDa due to glycosylation.

UniProt: [P14174](#)

Pathways: [Regulation of Systemic Arterial Blood Pressure by Hormones](#), [Positive Regulation of Immune Effector Process](#), [Production of Molecular Mediator of Immune Response](#), [Regulation of Carbohydrate Metabolic Process](#), [Feeding Behaviour](#), [Smooth Muscle Cell Migration](#), [Negative Regulation of intrinsic apoptotic Signaling](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Reconstitute with deionized water

Buffer: Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.

Storage: -20 °C, -80 °C

Storage Comment: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing).
Lyophilized proteins are shipped at ambient temperature.

Expiry Date: 12 months