Cat. No. PME100350



PRODUCT INFORMATION

Target MIF

Synonyms GIF;GLIF;MMIF

Recombinant human MIF protein with C-terminal **Description**

hFc tag

Delivery In Stock **Uniprot ID** P14174 **Expression Host HEK293**

Tag C-Human Fc Tag

Molecular

MIF(Pro2-Ala115) hFc(Glu99-Ala330) Characterization

The protein has a predicted molecular mass of

38.5 kDa after removal of the signal peptide. The apparent molecular mass of MIF-hFc is **Molecular Weight**

approximately 35-55 kDa due to glycosylation. The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue

Purity

staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis Formulation & Reconstitution

for specific instructions of reconstitution. 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 Storage & Shipping at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient

temperature.

This gene encodes a lymphokine involved in cellmediated 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 **Background** peripheral plasma membrane, which may indicate an additional role in integrin signaling pathways. [provided by RefSeq, Jul 2008]

Usage Research use only Conjugate Unconjugated



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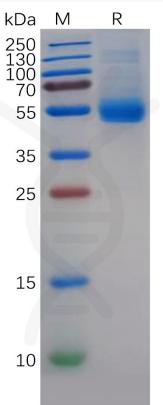


Figure 1. Human MIF Protein, hFc Tag on SDS-PAGE under reducing condition.

Human MIF, hFc Tagged protein ELISA

0.2 μg of Human MIF, hFc tagged protein per well

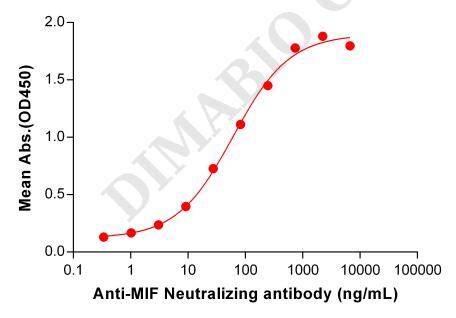


Figure 2. ELISA plate pre-coated by 2 μ g/mL (100 μ L/well) Human MIF Protein, hFc Tag (PME100350) can bind Anti-MIF Neutralizing antibody BME100098 in a linear range of 3.05–740.74 ng/mL.

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