

# T.Vaginalis MIF Recombinant Protein



RPPB0767

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## Product Information    Protein Information

**Product SKU:**

RPPB0767

**Accession:**

A2DXT4

**Host:**

Escherichia Coli.

**Protein description:**

MIF T.Vaginalis Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain (a.a 1-115) containing 121 amino acids including a 6 a.a C-terminal His tag. The total molecular mass is 13.4kDa (calculated).

**Appearance:**

Filtered White lyophilized (freeze-dried) powder.

**Synonyms:**

Macrophage Migration Inhibitory Factor (Glycosylation-Inhibiting Factor), Phenylpyruvate Tautomerase, L-Dopachrome Tautomerase, L-Dopachrome Isomerase, GLIF, MMIF, GIF, Macrophage Migration Inhibitory Factor, Glycosylation-Inhibiting Factor, EC 5.3.3.12, EC 5.3.2.1, Macrophage migration inhibitory factor.

**Formulation:**

MIF T.Vaginalis filtered (0.4 µm) and lyophilized from 0.5mg/ml solution in 20 mM Tris buffer and 50 mM NaCl, pH 7.5.

**Purity:**

Greater than 95.0% as determined by SDS-PAGE.

**Solubility:**

It is recommended to add 200µl deionized water to prepare a working stock solution of approximately 0.5mg/ml and let the lyophilized pellet dissolve completely. MIF T.Vaginalis is not sterile! Please filter the product by an appropriate sterile filter before using it in the cell culture.

**Stability:**

Store lyophilized protein at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted protein can be stored at 4°C for a limited period of time; it does not show any change after two weeks at 4°C.

**Amino Acid Sequence:**

MPALVIKTNA KFTTEEKSKA TEELGNIVSK VLGKPISYVM VTLEDGVAVR FGGSDKEAAF MSLMSIGGLN RAVNKRASAA LTKWFTDHGF QGDRIYIVFN PKSAEDWGFN GDTFAHHHHH H.