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32-6496: MIF T.Vaginalis

Alternative Name :	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.

Description

Source: Escherichia Coli.
Filtered White lyophilized (freeze-dried) powder.
The cytokine Macrophage migration inhibitory factor (MIF) has been identified to be secreted by the pituitary gland and the monocyte/macrophage and to play an important role in endotoxic shock. MIF has the unique property of being released from macrophages and T cells in response to physiological concentrations of glucocorticoids. The secretion of MIF is tightly regulated and decreases at high, anti-inflammatory steroid concentration.
Â 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).Â

Product Info

Amount :	2 µg / 10 µg
Purification :	Greater than 95.0% as determined by SDS-PAGE.
Content :	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. It is recommended to add 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.
Storage condition :	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 :	MPALVIKTNA KFTEEEKSKA TEELGNIVSK VLGKPISYVM VTLEDGVAVR FGGSDEKAAF MSLMSIGGLN RAVNKRASAA LTKWFTDHGF QGDRIYIVFN PKSAEDWGFN GDTFAHHHHH H.