

PRODUCT INFORMATION

MIF (Macrophage migration inhibitory factor), Human

Catalog number	C01122-5UG / C01122-20UG / C01122-100UG
Package	5 µg / 20 µg / 100 µg
Description	Macrophage migration inhibitory factor (MIF or MMIF), also known as glycosylation-inhibiting factor (GIF), L-dopachrome isomerase, or phenylpyruvate tautomerase is a protein that in humans is encoded by the MIF gene. MIF contributes to malignant disease progression on several different levels. Both circulating and intracellular MIF protein levels are elevated in cancer patients and MIF expression reportedly correlates with stage, metastatic spread and disease-free survival.
Source	<i>Escherichia coli</i>
Sequence	MPMFIVNTNVPRASVPDGFLELTQQLAQATGKPPQYIAVHVVPDQLMAFGGS SEPCALCSLHSIGKIGGAQNRSYKLLCGLLAERLRISPDRVYINYYDMNAANVG WNNSTFA with polyhistidine tag at the C-terminus
Endotoxin level	<0.1 EU per 1 µg of the protein by the LAL method.
Purity	>98% as determined by SDS-PAGE. Ni-NTA chromatography
Formulation	The protein was lyophilized from a solution containing 1X PBS, pH 8.0.
Reconstitution	It is recommended to reconstitute the lyophilized protein in sterile H ₂ O to a concentration not less than 100 µg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.
Storage	Lyophilized protein should be stored at -20°C. Upon reconstitution, protein aliquots should be stored at -20°C or -80°C.
Note	Please use within one month after protein reconstitution.



SDS-PAGE analysis of recombinant human MIF

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