

## Product Datasheet

### Human MIF (Active) protein orb427104

<b>Description</b>	Recombinant of human MIF (Active) protein
<b>Reactivity</b>	Human
<b>Conjugation</b>	Unconjugated
<b>Target</b>	MIF (Active)
<b>Form/Appearance</b>	Sterile Filtered White Lyophilized (freeze-dried) powder. MIF-Protein was lyophilized from 10mM sodium phosphate buffer pH-7.5.
<b>Storage</b>	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
<b>Note</b>	For research use only.
<b>Protein Sequence</b>	MPMFIVNTNVPRASVPDGFSELSTQQLAQATGKPPQYIAVHVVPDQLMAF GGSEPCALCSLHSIGKIGGAQNRYSKLLCGLLAERLRISPDRVYINYY DMNAANVGWNNSTFA.
<b>Purity</b>	>97.0% as determined by:(a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE.
<b>Source</b>	Escherichia Coli.
<b>Activity</b>	Human PBMCs were cultured with 0 to 1000ng/ml Human MIF. Production of IL-8 was measured via ELISA after 24 hours. The ED50 which was found to be 88-132ng/ml.
<b>Solubility (25°C)</b>	It is recommended to reconstitute the lyophilized MIF-Protein in sterile 18MΩ-cm H2O at a concentration between 0.1mg-1mg per 1ml.
<b>Expiration Date</b>	6 months from date of receipt.