

**Recombinant Sus scrofa (pig) Macrophage Migration Inhibitory Factor (MIF), Transfected HEK293 Cell Culture Supernatant****Source**

Species	Sus scrofa (pig)
Accession Number	P80928
Gene Symbol	MIF
Expressed Region	Pro2-Ala115
Synonyms	Macrophage migration inhibitory factor, MIF, Glycosylation-inhibiting factor, Phenylpyruvate Tautomerase, L-Dopachrome Tautomerase, L-Dopachrome Isomerase, GLIF, MMIF, GIF, Glycosylation-Inhibiting Factor, EC 5.3.3.12, EC 5.3.2.1.

**Preparation**

Expression System	Human embryonic kidney 293 (HEK293) cells
Tag	N-terminal his-tag
Purity	Unpurified cell culture supernatant. HEK293 cells grown in serum-free medium were transfected with expression vector harboring target gene. The cell culture was harvested with centrifugation to remove cells. The cell culture supernatant containing mammalian cell protease inhibitor cocktail was aliquoted and stored at -80 °C immediately. The gene overexpression in culture supernatant was confirmed by Western blotting using anti-His tag antibody and/or target-specific antibodies and the culture supernatant derived from HEK293 cells transfected with the empty expression vector was used as a negative control.
Molecular Weight	Recombinant protein product has a calculated molecular mass of 13. The actual molecular weight may increase slightly due to the potential post-translational modifications (PTMs).

**Protein Specifications**

Format	Pink liquid
Formulation	Cell culture supernatant of transfected HEK293 cells, serum-free.

**Shipping**

Ice packs. Including one vial of cell culture supernatant of HEK293 cells transfected with empty expression vector.

**Storage/Stability**

Upon arrival, the protein may be stored for 2 weeks at 4 °C. For long term storage, it is recommended to store at -20 °C or -80 °C in appropriate aliquots. Avoid repeated freeze-thaw cycles.

This product is furnished for LABORATORY RESEARCH USE ONLY.

Not for diagnostic or therapeutic use.