

## Product datasheet for **TP721165**

### MIF (NM\_002415) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human macrophage migration inhibitory factor (glycosylation-inhibiting factor) (MIF)
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	Met1-Ala115
Tag:	Tag Free
Predicted MW:	12.5 kDa
Purity:	>95% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	Provided lyophilized from a 0.2 µm filtered solution of 20 mM Tris-HCl, 150 mM NaCl
Endotoxin:	Endotoxin level is < 0.1 ng/µg of protein (< 1 EU/µg)
Storage:	Store at -80°C.
Stability:	Stable for at least 3 months from date of receipt under proper storage and handling conditions.
RefSeq:	<a href="#">NP_002406</a>
Locus ID:	4282
UniProt ID:	<a href="#">P14174</a> , <a href="#">I4AY87</a>
RefSeq Size:	561
Cytogenetics:	22q11.23
RefSeq ORF:	345
Synonyms:	GIF; GLIF; MMIF
Summary:	This gene encodes a lymphokine involved in cell-mediated immunity, immunoregulation, and inflammation. It plays a role in the regulation of macrophage function in host defense through the suppression of anti-inflammatory effects of glucocorticoids. This lymphokine and the JAB1 protein form a complex in the cytosol near the peripheral plasma membrane, which may indicate an additional role in integrin signaling pathways. [provided by RefSeq, Jul 2008]



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**Protein Families:** Druggable Genome

**Protein Pathways:** Phenylalanine metabolism, Tyrosine metabolism