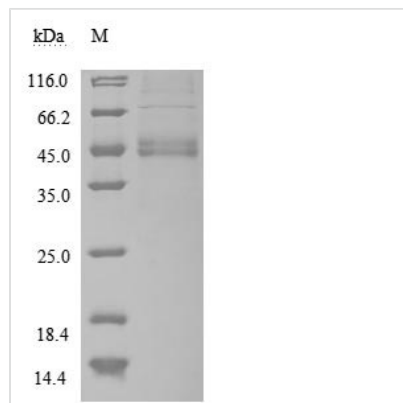


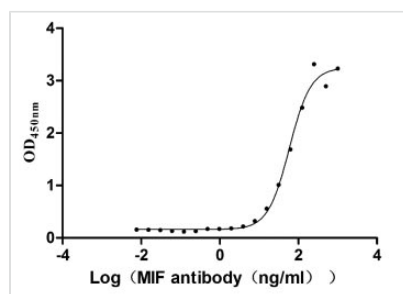


Recombinant Human Macrophage migration inhibitory factor (MIF) (Active)

Product Code	CSB-MP013826HU
Abbreviation	Recombinant Human MIF protein (Active)
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	P14174
Form	Lyophilized powder
Storage Buffer	Lyophilized from a 0.2 µm filtered PBS, 6% Trehalose, pH 7.4
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Biological Activity	①Measured by its binding ability in a functional ELISA. Immobilized MIF at 2 µg/ml can bind Anti- MIF Rabbit Monoclonal Antibody(CSB-RA146975A0HU), the EC ₅₀ is 49.61-69.45 ng/ml.
Purity	≥ 85% as determined by SDS-PAGE.
Sequence	PMFIVNTNVPRASVPDGFLSELTQQLAQATGKPPQYIAVHVVPDQLMAFGGSS EPCALCSLHSIGKIGGAQNRYSKLLCGLLAERLRISPDRVYINYYDMNAANVG WNNSTFA
Research Area	Cancer
Source	Mammalian cell
Target Names	MIF
Expression Region	2-115aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	C-terminal hFc1-tagged
Mol. Weight	41.3 kDa
Protein Length	Full Length of Mature Protein
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.



Activity
Measured by its binding ability in a functional ELISA. Immobilized MIF at 2 µg/ml can bind Anti- MIF Rabbit Monoclonal Antibody(CSB-RA146975A0HU), the EC₅₀ is 49.61-69.45 ng/ml.

Endotoxin

Less than 1.0 EU/ug as determined by LAL method.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.