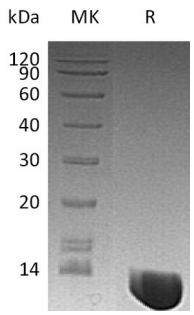
产品名称：Recombinant Human MIF(N-6His)
产品货号：PEH1164

概述（Summary）

英文全称	MIF/Macrophage migration inhibitory factor
纯度（Purity）	Greater than 95% as determined by reducing SDS-PAGE
内毒素（Endotoxin level）	<1 EU/μg as determined by LAL test.
蛋白构建（Construction）	Recombinant Human Macrophage Migration Inhibitory Factor is produced by our E.coli expression system and the target gene encoding Met1-Ala115 is expressed with a 6His tag at the N-terminus.
Accession #	P14174
表达宿主（Host）	E.coli
种属（Species）	Human
预测分子量（Predicted MW）	14.6 KDa
制剂（Form）	Supplied as a 0.2 μm filtered solution of 20mM PB, 150mM NaCl, 50% Glycerol, pH7.4.
运输方式（Shipping）	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
稳定性&储存（Stability &Storage）	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
复溶（Reconstitution）	

电泳图（SDS-PAGE image）



背景（Background）

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分子别名（Alternative Names）	Macrophage migration inhibitory factor; MIF; MMIF; Glycosylation-inhibiting factor; GLIF; L-dopachrome tautomerase; Phenylpyruvate tautomerase
背景介绍（References）	Human MIF is a 12.5 kDa, 115 amino acid (aa) nonglycosylated polypeptide that is synthesized without asignal sequence .Secretion occurs nonclassically via an ABCA1 transporter.Pro-inflammatory cytokine.Involved in the innate immune response to bacterial pathogens. The expression of MIF at sites ofinflammation suggests a role as mediator in regulating the function of acrophages in host defense.Counteracts the anti-inflammatory activity of glucocorticoids. Has phenylpyruvate tautomerase anddopachrome tautomerase activity (in vitro), but the physiological substrate is not known. It is not clearwhether the tautomerase activity has any physiological relevance, and whether it is important for cytokineactivity.

注意事项（Note）

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