

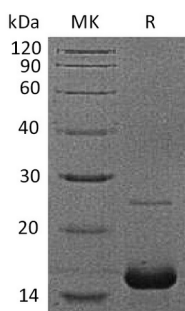
Product Name: Recombinant Human Myoglobin (C-6His)
Catalog #: PEH1913



概述 (Summary)

英文全称	Myoglobin/MB
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 Myoglobin is produced by our E.coli expression system and the target gene encoding Met1-Gly154 is expressed with a 6His tag at the C-terminus.
Accession #	P02144
蛋白标签 (Tag)	
表达宿主 (Host)	E.coli
种属 (Species)	Human
预测分子量 (Predicted MW)	18 KDa
蛋白形态 (Form)	Supplied as a 0.2 μm filtered solution of PBS, 350mM NaCl, 5% Trehalose, 5% Mannitol, 0.02% Tween 80, 1mM EDTA, pH7.4.
储存缓冲液 (Buffer)	
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)

MB; MGC13548; Myoglobin; PVALB

背景介绍 (References)

Myoglobin(MB) is a cytoplasmic protein expressed in myocytes of the heart and skeletal muscle that reversibly binds oxygen. It belongs to the globin family. Functions of myoglobin include oxygen storage and transport, as well as scavenging of NO and reactive oxygen species. MB serves as a reserve supply of oxygen and facilitates the movement of oxygen within muscles. Myoglobin also serves as a sensitive marker for muscle injury resulting from cardiac infarction. Surprisingly, mice in which myoglobin has been removed by gene targeting are able to perform extensive exercise and respond normally to hypoxic challenge.

注意事项 (Note)

For Research Use Only , Not for Diagnostic Use.