

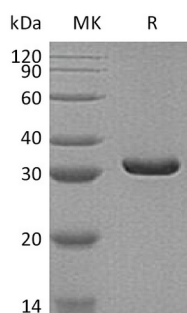
Product Name: Recombinant Human MDH2 (C-6His)
Catalog #: PHH1143



概述 (Summary)

英文全称	MDH2/Malate dehydrogenase, mitochondrial
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 Malate Dehydrogenase, Mitochondrial is produced by our Mammalian expression system and the target gene encoding Ala25-Lys338 is expressed with a 6His tag at the C-terminus.
Accession #	P40926
蛋白标签 (Tag)	
表达宿主 (Host)	Human Cells
种属 (Species)	Human
预测分子量 (Predicted MW)	34 KDa
蛋白形态 (Form)	Supplied as a 0.2 μm filtered solution of 20mM PB, 150mM NaCl, pH 7.4.
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)

Malate dehydrogenase; mitochondrial; MDH2

背景介绍 (References)

Malate dehydrogenase, mitochondrial is a 338 amino acids protein that belongs to the LDH/MDH superfamily. MDH type 1 family. MDH2 catalyzes the reversible oxidation of malate to oxaloacetate, utilizing the NAD/NADH cofactor system in the citric acid cycle. MDH2 is localized to the mitochondria and takes part in the malate-aspartate shuttle that functions in the metabolic coordination between cytosol and mitochondria. MDH2 is highly expressed in the adrenal system, small intestine, heart and pancreas.

注意事项 (Note)

For Research Use Only , Not for Diagnostic Use.