

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

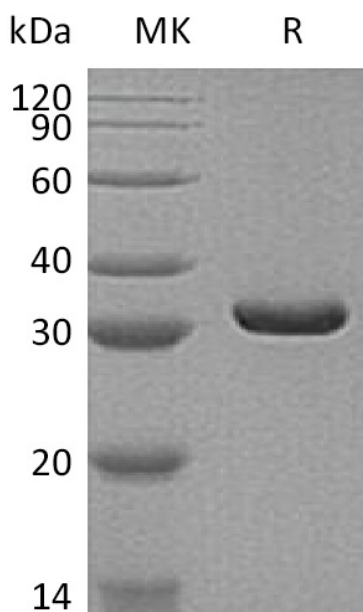


Summary

Name	MDH2/Malate dehydrogenase, mitochondrial
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
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
Host	Human Cells
Species	Human
Predicted Molecular Mass	34 KDa
Formulation	Supplied as a 0.2 μm filtered solution of 20mM PB, 150mM NaCl, pH 7.4.
Shipping	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
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.
Reconstitution	

SDS-PAGE image

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Alternative Names

Malate dehydrogenase; mitochondrial; MDH2

Background

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.

Note

For Research Use Only , Not for Diagnostic Use.