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Datasheet for ABIN7318760
MDH2 Protein (His tag)

Overview

Quantity:	50 µg
Target:	MDH2
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This MDH2 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human MDH2 Protein (His Tag)
Sequence:	Ala25-Lys338
Characteristics:	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.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	MDH2
Alternative Name:	MDH2 (MDH2 Products)
Background:	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

Target Details

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.

Synonym: Malate dehydrogenase, mitochondrial, MDH2

Molecular Weight: 34.0 kDa

UniProt: [P40926](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Frozen, Liquid

Buffer: Supplied as a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.4.

Storage: -20 °C

Storage Comment: Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.