

## Product datasheet for **TP727174**

### MDH2 Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human Malate Dehydrogenase, Mitochondrial/MDH2 (C-6His)
Species:	Human
Expression cDNA Clone or AA Sequence:	Ala25-Lys338
Tag:	C-His
Buffer:	Supplied as a 0.2 um filtered solution of 20mM PB, 150mM NaCl, pH 7.4.
Note:	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.
Storage:	Store at < -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.
Stability:	12 months from date of despatch
Locus ID:	4191
UniProt ID:	<a href="#">P40926</a>
Summary:	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.

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