

本公司提供的电子版本说明书仅供参考，实验请以收到的纸质手册为准。

MDH2, 25-338aa, Human, His tag, E.coli

产品货号: TP02935

第三版

别名: Malate dehydrogenase 2, NAD (mitochondrial), M-MDH, MDH, MOR1

描述: MDH2 is one of the two malate dehydrogenases. Malate dehydrogenase 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 may play pivotal roles in the malate- aspartate shuttle that operates in the metabolic coordination between cytosol and mitochondria.

配方: Liquid. In 20 mM Tris-HCl Buffer (pH 7.5) containing 10% Glycerol

分子量: 35.2 kDa(335aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMAKVAVLGASGGIGQPLSLLLKNSPLVSRLTLYDIAHTPGVAADLSHIETKAAVKGYLGP
EQLPDCLKGCDVVVIPAGVPRKPGMTRDDLNTNATIVATLTAACAQHCPEAMICVIANPVNSTIPITAEVFKKHGVYNP
NKIFGVTTLDIVRANTFVAELKGLDPAVNVPIVIGGHAGKTIPLISQCTPKVDFPQDQLTALTGRIQEAGTEVVKAKAGA
GSATLSMAYAGARFVFLVDAMNGKEGVVECSFVKSQETECTYFSTPLLLGKKGIEKNLIGIGKVSSFEEMISDAIPELKASI
KKGEDFVKTLK

纯度: > 95% by HPLC

浓度: 1 mg/ml (determined by Bradford assay)

内毒素: <1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.