

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。

MDH1, 1-334aa, Human, His tag, E.coli

产品货号: TP02934

第三版

别名: Malate dehydrogenase, cytoplasmic, MDH-s, MDHA, MOR2

描述: MDH1 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. MDH1 is localized to the cytoplasm 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 8.0) containing 10% Glycerol

分子量: 37.4 kDa(342aa), confirmed by MALDI-TOF

序列:

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MSEPIRVLVTGAAGQIAYSLLYSIGNGSVFGKDQPIILVLLDITPMMGVLDGVLMEQLQDCALPLLKDVIATDKEDVAFKDL
DVAILVGSMPREGMERKDLLKANVKIFKSQGAALDKYAKKSVKIVVGNPANTNCLTASKSAPSIPKENFSCLTRLDHNR
AKAQIALKLGVTANDVKNVHIIWGNHSSTQYPDVNHAKVKLQGKEVGVYEALKDDSWLKGEFVTTVQQRGA AVIKARK
LSSAMSAKAICDHVRDIWFGTPEGEFVSMGVISDGN SYGVPDDL LYSFPVVIKNTWK FVEGLPINDFSREKMDLTAKEL
TEEKESAFEFLLSSALEHHHHHHH
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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.