

MDH1 抗原（重组蛋白）

中文名称： MDH1 抗原（重组蛋白）

英文名称： MDH1 Antigen (Recombinant Protein)

别 名： malate dehydrogenase 1, NAD; MDHA; MOR2; MDH-s; HEL-S-32; MGC:1375

储 存： 冷冻（-20℃）

相关类别： 抗原

概述

Fusion protein corresponding to a region derived from 91-334 amino acids of human MDH1

技术规格

Full name:	malate dehydrogenase 1, NAD
Synonyms:	MDHA; MOR2; MDH-s; HEL-S-32; MGC:1375
Swissprot:	P40925
Gene Accession:	BC001484
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	Malate dehydrogenase catalyzes the reversible oxidation of malate to oxaloacetate, utilizing the NAD/NADH cofactor system in the citric acid cycle. The protein encoded by this gene 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. Alternatively spliced transcript variants encoding distinct isoforms have been found for this gene.