

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. |