

产品说明书

Product Specification

产品名称 Product Name	Malate dehydrogenase (MDH)
货号 Catalog Number	CSB-DE010
产品形态 Formation	White amorphous powder, lyophilized
来源 Source	Microorganism
EC 编号 EC Number	EC 1.1.1.37
CAS 编号 CAS Number	9001-64-3
存储条件 Storage	Aliquot and store at $\leq -20\text{ }^{\circ}\text{C}$
有效期 Valid Period	$-20\text{ }^{\circ}\text{C}$ for 18 months
分子量 Molecular weight	35 kDa (SDS-PAGE)
最适 pH Optimum pH	7.5-8.0
最适温度 Optimum	$60\text{ }^{\circ}\text{C}$.
活性 Activity	$\geq 100\text{ U/mg-solid}$
比活 Specific activity	$\geq 900\text{ U/mg-protein}$
活性定义 Unit definition	One unit is defined as the amount of enzyme that catalyzes the oxidation of one micromole of NADH per min at pH 7.5 at $37\text{ }^{\circ}\text{C}$
运用 Application	Enzymatic cycling assay