

Malate Dehydrogenase Chicken Recombinant

Item Number	rAP-0994
Synonyms	Malate dehydrogenase cytoplasmic, EC 1.1.1.37, Cytosolic malate dehydrogenase, MDHA, MOR2, MDH-s, MGC:1375, MDH1.
Description	The DNA encoding Malate (Malic) Dehydrogenase is cloned from cDNA library of chicken heart. The MDH1 is purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q5ZME2
Amino Acid Sequence	
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile lyophilized powder. Lyophilized Malate dehydrogenase although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution MDH1 should be stored at 4°C between 2-7 days and for future use below -18°C. Please prevent freeze-thaw cycles.
Formulation and Purity	Each mg of protein contains 0.59mg NaPO ₄ . Greater than 95.0% as determined by (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE.
Application	
Solubility	It is recommended to reconstitute the lyophilized Malate dehydrogenase in sterile 18MΩ-cm H ₂ O.
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**