

Product: Malate Dehydrgenase (MDH), recombinant
Catalog #: 12-4312
Amount: 1000IU

DESCRIPTION: Recombinant Malate Dehydrogenase (rMDH)
SOURCE: *Escherichia Coli* expression system
PURITY: > 95%, as determined by:
(a) Analysis by RP-HPLC and anion-exchange FPLC
(b) Analysis by reducing and non-reducing SDS-PAGE Silver Stained gel
ENDOTOXIN: Less than 0.1 ng/μg (IEU/μg) of rMDH
DIMERS & AGGREGATES: Less than 1% as determined by silver stained SDS-PAGE gel analysis
UNIT DEFINITION: One unit is defined as 1 μmol of NAD⁺ production per minute under the assay conditions (25°C, pH 7.5).
FORM: Purified, in 0.1mg potassium phosphate.
STORAGE: -20°C (aliquot), avoid freezing and thawing cycles
BIOLOGICAL ACTIVITY: rMDH is fully biologically active when compared to standard.

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