

Native Bovine Heart Malic Dehydrogenase (MDH)-Active

Cat. No.: AP2F218

Product Type: Animal Proteins

Size: 5000 U; 10000 U; 25000 U

Product Overview

BioVenic's Native Bovine Heart Malic Dehydrogenase (MDH)-Active is a native protein derived from Bovine Heart.

Specifications

Type	Native Protein
Species	Bovine
Source	Heart
Biological Activity	2000 U/mg protein
Predicted Molecular Weight	35 kDa
Physical State	Liquid
Formulation	3 M (NH ₄) ₂ SO ₄ - 0.01 M KH ₂ PO ₄ solution, pH 7.3.

Target Information

Malic dehydrogenase (MDH) is an enzyme found in all living organisms, playing a key role in several metabolic pathways. It acts as an oxidoreductase enzyme. The bovine heart MDH was shown to be a dimer with a molecular weight of 72,000. Upon reaction with maleic anhydride or in the presence of guanidinium chloride, the enzyme was dissociated into two subunits having identical molecular weights of about 37,000.

Protein	Bovine Malic Dehydrogenase (MDH)
Protein Synonym	Malic Dehydrogenase; MDH; L-Malate: NAD ⁺ oxidoreductase; Malate Dehydrogenase
EC No.	1.1.1.37

Shipping and Storage

Store at 4°C.

The product is for research use only. Not for commercial, prophylactic, diagnostic, or therapeutic applications. Please determine the purpose of the product before purchasing. For further information and inquiry, please contact us.