

Native Clostridium kluuyveri Diaphorase

Cat. No. NATE-0875

Lot. No. (See product label)

Introduction

Applications

Diaphorase from Clostridium kluuyveri, or Lipoyl dehydrogenase, has been used in a study to assess the protein-protein interactions in assembly of lipoic acid on the 2-oxoacid dehydrogenases of aerobic metabolism. Lipoyl dehydrogenase has also been used in a study to investigate the redox regulation of tyrosine nitration and 3-nitrotyrosine reduction by antioxidants.

Synonyms

dehydrolipoate dehydrogenase; diaphorase; dihydrolipoamide dehydrogenase; dihydrolipoamide:NAD⁺ oxidoreductase; dihydrolipoic dehydrogenase; dihydrothioctic dehydrogenase; lipoamide dehydrogenase (NADH); lipoamide oxidoreductase (NADH); lipoamide reductase; lipoamide reductase (NADH); lipoate dehydrogenase; lipoic acid dehydrogenase; lipoyl dehydrogenase; dihydrolipoyl dehydrogenase; EC 1.8.1.4; 9001-18-7; Lipoamide Dehydrogenase

Product Information

Source

Clostridium kluuyveri

Form

Lyophilized powder

EC Number

EC 1.6.99.1

CAS No.

9001-68-7

Activity

3.0-20.0 units/mg protein (biuret)

Storage and Shipping Information

Storage

Store at -20°C