

## dihydrolipoyl dehydrogenase

Cat. No. EXWM-1648

Lot. No. (See product label)

### Introduction

**Description** High-quality Dihydrolipoyl Dehydrogenase for research on oxidative decarboxylation and enzymatic mechanisms. Perfect for metabolic and biochemical studies. Creative Enzymes delivers trusted solutions.

**Synonyms** LDP-Glc; LDP-Val; dehydrolipoate dehydrogenase; diaphorase; dihydrolipoamide dehydrogenase; dihydrolipoamide:NAD<sup>+</sup> oxidoreductase; dihydrolipoic dehydrogenase; dihydrothioctic dehydrogenase; lipoamide dehydrogenase (NADH); lipoamide oxidoreductase (NADH); lipoamide reductase; lipoamide reductase (NADH); lipoate dehydrogenase; lipoic acid dehydrogenase; lipoyl dehydrogenase; protein-6-N-(dihydrolipoyl)lysine:NAD<sup>+</sup> oxidoreductase

### Product Information

**Form** Liquid or lyophilized powder

**EC Number** EC 1.8.1.4

**CAS No.** 9001-18-7

**Reaction** protein N6-(dihydrolipoyl)lysine + NAD<sup>+</sup> = protein N6-(lipoyl)lysine + NADH + H<sup>+</sup>

**Notes** This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.

### Storage and Shipping Information

**Storage** Store it at +4 °C for short term. For long term storage, store it at -20 °C~-80 °C.