

## lysine dehydrogenase

Cat. No. EXWM-1448

Lot. No. (See product label)

### Introduction

#### Description

This enzyme belongs to the family of oxidoreductases, specifically those acting on the CH-NH<sub>2</sub> group of donors with NAD<sup>+</sup> or NADP<sup>+</sup> as acceptor. The systematic name of this enzyme class is L-lysine:NAD<sup>+</sup> oxidoreductase (deaminating, cyclizing).

### Product Information

**Form** Liquid or lyophilized powder

**EC Number** EC 1.4.1.15

**CAS No.** 68073-29-0

**Reaction** L-lysine + NAD<sup>+</sup> = 1,2-didehydropiperidine-2-carboxylate + NH<sub>3</sub> + 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.