

## succinate-semialdehyde dehydrogenase (NAD+)

Cat. No. EXWM-1130

Lot. No. (See product label)

### Introduction

#### Description

This enzyme participates in the degradation of glutamate and 4-aminobutyrate. It is similar to EC 1.2.1.79 [succinate-semialdehyde dehydrogenase (NADP+)], and EC 1.2.1.16 [succinate-semialdehyde dehydrogenase (NAD(P)+)], but is specific for NAD+.

#### Synonyms

succinate semialdehyde dehydrogenase (NAD+); succinic semialdehyde dehydrogenase (NAD+); succinyl semialdehyde dehydrogenase (NAD+); succinate semialdehyde:NAD+ oxidoreductase

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 1.2.1.24

#### CAS No.

9028-95-9

#### Reaction

succinate semialdehyde + NAD<sup>+</sup> + H<sub>2</sub>O = succinate + NADH + 2 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.