

## 2,3,4,5-tetrahydropyridine-2,6-dicarboxylate N-succinyltransferase

Cat. No. EXWM-2056

Lot. No. (See product label)

### Introduction

**Description** Involved in the biosynthesis of lysine in bacteria (including cyanobacteria) and higher plants. The 1992 edition of the Enzyme List erroneously gave the name 2,3,4,5-tetrahydropyridine-2-carboxylate N-succinyltransferase to this enzyme.

**Synonyms** tetrahydropicolinate succinylase; tetrahydrodipicolinate N-succinyltransferase; tetrahydrodipicolinate succinyltransferase; succinyl-CoA:tetrahydrodipicolinate N-succinyltransferase; succinyl-CoA:2,3,4,5-tetrahydropyridine-2,6-dicarboxylate N-succinyltransferase

### Product Information

**Form** Liquid or lyophilized powder

**EC Number** EC 2.3.1.117

**CAS No.** 88086-34-4

**Reaction** succinyl-CoA + (S)-2,3,4,5-tetrahydropyridine-2,6-dicarboxylate + H<sub>2</sub>O = CoA + N-succinyl-L-2-amino-6-oxoheptanedioate

**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.