

## dihydrolipoyllysine-residue succinyltransferase

Cat. No. EXWM-2241

Lot. No. (See product label)

### Introduction

**Description** A multimer (24-mer) of this enzyme forms the core of the multienzyme complex, and binds tightly both EC 1.2.4.2, oxoglutarate dehydrogenase (succinyl-transferring) and EC 1.8.1.4, dihydrolipoyl dehydrogenase. The lipoyl group of this enzyme is reductively succinylated by EC 1.2.4.2, and the only observed direction catalysed by EC 2.3.1.61 is that where this succinyl group is passed to coenzyme A.

**Synonyms** dihydrolipoamide S-succinyltransferase; dihydrolipoamide succinyltransferase; dihydrolipoic transsuccinylase; dihydrolipoyl transsuccinylase; dihydrolipoyl transsuccinylase; lipoate succinyltransferase (Escherichia coli); lipoic transsuccinylase; lipoyl transsuccinylase; succinyl-CoA:dihydrolipoamide S-succinyltransferase; succinyl-CoA:dihydrolipoate S-succinyltransferase; enzyme-dihydrolipoyllysine:succinyl-CoA S-succinyltransferase

### Product Information

**Form** Liquid or lyophilized powder

**EC Number** EC 2.3.1.61

**CAS No.** 9032-28-4

**Reaction** succinyl-CoA + enzyme N6-(dihydrolipoyl)lysine = CoA + enzyme N6-(S-succinyl)dihydrolipoyl)lysine

**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.