

citrate-lyase deacetylase

Cat. No. EXWM-3550

Lot. No. (See product label)

Introduction

Description In the proteobacterium *Rubrivivax gelatinosus*, this enzyme modulates the activity of EC 4.1.3.6, citrate (pro-3S)-lyase, by converting it from its active acetyl form into its inactive thiol form by removal of its acetyl groups. The activity of citrate-lyase deacetylase is itself inhibited by L-glutamate.

Synonyms [citrate-(pro-3S)-lyase] thiolesterase; acetyl-S-(acyl-carrier protein) enzyme thioester hydrolase; citrate lyase deacetylase

Product Information

Form Liquid or lyophilized powder

EC Number EC 3.1.2.16

CAS No. 58319-93-0

Reaction [citrate (pro-3S)-lyase](acetyl form) + 6 H₂O = [citrate (pro-3S)-lyase](thiol form) + 6 acetate

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.