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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.