glutaconyl-CoA decarboxylase

Cat. No. EXWM-4818

Lot. No. (See product label)

Introduction

Description	The enzyme from Acidaminococcus fermentans is a biotinyl-protein, requires Na+, and acts as a sodium pump. Prior to the Na+-dependent decarboxylation, the carboxylate is transferred to biotin in a Na+-independent manner. The conserved lysine, to which biotin forms an amide bond, is located 34 amino acids before the C-terminus, flanked on both sides by two methionine residues, which are conserved in every biotin-dependent enzyme.
Synonyms	glutaconyl coenzyme A decarboxylase; pent-2-enoyl-CoA carboxy-lyase; 4-carboxybut-2-enoyl-CoA carboxy-lyase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 4.1.1.70
CAS No.	84399-93-9
Reaction	4-carboxybut-2-enoyl-CoA = but-2-enoyl-CoA + CO2
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 ℃.