

carboxybiotin decarboxylase

Cat. No. EXWM-5309

Lot. No. (See product label)

Introduction

DescriptionThe integral membrane protein MadBfrom the anaerobic bacterium Malonomonas

rubra is a component of the multienzyme complex EC 4.1.1.89, biotin-dependent malonate decarboxylase. The free energy of the decarboxylation reaction is used to pump Na+ out of the cell. The enzyme is a member of the Na+-translocating decarboxylase family, other members of which include EC 4.1.1.3 (oxaloacetate

decarboxylase) and EC 4.1.1.41 (methylmalonyl-CoA decarboxylase).

Synonyms MadB; carboxybiotin protein decarboxylase

Product Information

Form Liquid or lyophilized powder

EC Number EC 7.2.4.1 (Formerly EC 4.3.99.2)

Na+out (n = 1-2)

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

Store it at +4 °C for short term. For long term storage, store it at -20 °C∼-80 °C.

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