Creative Enzymes®

bisanhydrobacterioruberin hydratase

Cat. No. EXWM-5002

Lot. No. (See product label)

Introduction

Description	The enzyme, isolated from the archaeon Haloarcula japonica, is involved in the biosynthesis of the C50 carotenoid bacterioruberin. In this pathway it catalyses the introduction of hydroxyl groups to C3'' and C3''' of bisanhydrobacterioruberin to generate bacterioruberin.
Synonyms	CruF; C50 carotenoid 2'',3''-hydratase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 4.2.1.161
Reaction	bacterioruberin = bisanhydrobacterioruberin + 2 H2O (overall reaction); (1a) bacterioruberin = monoanhydrobacterioruberin + H2O; (1b) monoanhydrobacterioruberin = bisanhydrobacterioruberin + H2O
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 ℃.