Creative Enzymes®

violacein synthase

Cat. No. EXWM-0827

Lot. No. (See product label)

Introduction

Description	The enzyme, characterized from the bacterium Chromobacterium violaceum, participates in the biosynthesis of the violet pigment violacein. The products, violaceinate and deoxyviolaceinate, undergo non-enzymic autooxidation into violacein and deoxyviolacein, respectively.
Synonyms	proviolaceinate monooxygenase; vioC (gene name)

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 1.14.13.224
Reaction	(1) protoviolaceinate + NAD(P)H + O2 = violaceinate + NAD(P)+ + H2O; (2) protodeoxyviolaceinate + NAD(P)H + O2 = deoxyviolaceinate + NAD(P)+ 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 ℃.