Creative Enzymes®

aflatoxin B synthase

Cat. No. EXWM-0773

Lot. No. (See product label)

Introduction

Description	A heme-thiolate (P-450) enzyme. Isolated from the mold Aspergillus parasiticus.
Synonyms	ordA (gene name); 8-O-methylsterigmatocystin,NADPH:O2 oxidoreductase (aflatoxin-B forming)

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 1.14.13.175
Reaction	(1) 8-O-methylsterigmatocystin + 2 NADPH + 2 H+ + 2 O2 = aflatoxin B1 + 2 NADP+ + H2O + methanol + CO2; (2) 8-O-methyldihydrosterigmatocystin + 2 NADPH + 2 H+ + 2 O2 = aflatoxin B2 + 2 NADP+ + H2O + methanol + 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 ℃.