Creative Enzymes®

linalool 8-monooxygenase

Cat. No. EXWM-0751

Lot. No. (See product label)

Introduction

Description	A heme-thiolate protein (P-450). The secondary electron donor is a specific [2Fe-2S] ferredoxin from the same bacterial strain.
Synonyms	P-450lin; CYP111

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 1.14.13.151
Reaction	linalool + 2 NADH + 2 H+ + 2 O2 = (6E)-8-oxolinalool + 2 NAD+ + 3 H2O (overall reaction); (1a) linalool + NADH + H+ + O2 = (6E)-8-hydroxylinalool + NAD+ + H2O; (1b) (6E)-8-hydroxylinalool + NADH + H+ + O2 = (6E)-8-oxolinalool + NAD+ + 2 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 ℃.