Creative Enzymes®

resorcinol 4-hydroxylase (NADH)

Cat. No. EXWM-0823

Lot. No. (See product label)

Introduction

Description	The enzyme, characterized from the bacterium Rhodococcus jostii RHA1, is a single-component hydroxylase. The enzyme has no activity with NADPH. cf. EC 1.14.13.219, resorcinol 4-hydroxylase (NADPH), and EC 1.14.14.27, resorcinol 4-hydroxylase (FADH2).
Synonyms	tsdB (gene name)

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 1.14.13.220
Reaction	resorcinol + NADH + H+ + O2 = hydroxyquinol + NAD+ + 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 ℃.