

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 °C for short term. For long term storage, store it at -20 °C~-80 °C.