Creative Enzymes®

2,3-dihydro-2,3-dihydroxybenzoate dehydrogenase

Cat. No. EXWM-1301

Lot. No. (See product label)

Introduction

Description	This enzyme belongs to the family of oxidoreductases, specifically those acting on the CH-CH group of donor with NAD+ or NADP+ as acceptor. The systematic name of this enzyme class is 2,3-dihydro-2,3-dihydroxybenzoate:NAD+ oxidoreductase. This enzyme is also called 2,3-DHB dehydrogenase. This enzyme participates in biosynthesis of siderophore group nonribosomal.
Synonyms	2,3-DHB dehydrogenase; 2,3-dihydro-2,3-dihydroxybenzoate:NAD+ oxidoreductase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 1.3.1.28
CAS No.	37250-40-1
Reaction	(2S,3S)-2,3-dihydro-2,3-dihydroxybenzoate + NAD+ = 2,3-dihydroxybenzoate + NADH + H+
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 ℃.