Creative Enzymes®

3-(cis-5,6-dihydroxycyclohexa-1,3-dien-1-yl)propanoate dehydrogenase

Cat. No. EXWM-1356

Lot. No. (See product label)

Introduction

Description	This enzyme catalyses a step in the pathway of phenylpropanoid compounds degradation.
Synonyms	hcaB (gene name); cis-dihydrodiol dehydrogenase; 2,3-dihydroxy-2,3-dihydro-phenylpropionate dehydrogenase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 1.3.1.87
Reaction	(1) 3-(cis-5,6-dihydroxycyclohexa-1,3-dien-1-yl)propanoate + NAD+ = 3-(2,3-dihydroxyphenyl)propanoate + NADH + H+; (2) (2E)-3-(cis-5,6-dihydroxycyclohexa-1,3-dien-1-yl)prop-2-enoate + NAD+ = (2E)-3-(2,3-dihydroxyphenyl)prop-2-enoate + 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 ℃.