Creative Enzymes®

3,4-dihydroxyphenylalanine reductive deaminase

Cat. No. EXWM-5282

Lot. No. (See product label)

Introduction

Description	Forms part of the L-phenylalanine-catabolism pathway in the anoxygenic phototrophic bacterium Rhodobacter sphaeroides OU5. NADPH is oxidized more slowly than NADH.
Synonyms	reductive deaminase; DOPA-reductive deaminase; DOPARDA

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 4.3.1.22
Reaction	L-dopa + NADH = 3,4-dihydroxyphenylpropanoate + NAD+ + NH3
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 ℃.