Creative Enzymes®

shikimate dehydrogenase

Cat. No. EXWM-0155

Lot. No. (See product label)

Introduction

Description	NAD+ cannot replace NADP+. In higher organisms, this enzyme forms part of a multienzyme complex with EC 4.2.1.10, 3-dehydroquinate dehydratase.
Synonyms	dehydroshikimic reductase; shikimate oxidoreductase; shikimate:NADP+ oxidoreductase; 5-dehydroshikimate reductase; shikimate 5-dehydrogenase; 5-dehydroshikimic reductase; DHS reductase; shikimate:NADP+ 5-oxidoreductase; AroE

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 1.1.1.25
CAS No.	9026-87-3
Reaction	shikimate + NADP+ = 3-dehydroshikimate + NADPH + 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 ℃.