

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