

FAD reductase (NADH)

Cat. No. EXWM-1518

Lot. No. (See product label)

Introduction

Description The enzyme from Burkholderia phenoliruptrix can reduce either FAD or flavin mononucleotide (FMN) but prefers FAD. Unlike EC 1.5.1.36, flavin reductase (NADH), the enzyme can not reduce riboflavin. The enzyme does not use NADPH as acceptor.

Synonyms NADH-FAD reductase; NADH-dependent FAD reductase; NADH:FAD oxidoreductase; NADH:flavin adenine dinucleotide oxidoreductase

Product Information

Form Liquid or lyophilized powder

EC Number EC 1.5.1.37

Reaction $\text{FADH}_2 + \text{NAD}^+ = \text{FAD} + \text{NADH} + \text{H}^+$

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.