

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.