Creative Enzymes®

FMN reductase (NADPH)

Cat. No. EXWM-1519

Lot. No. (See product label)

Introduction

Description	The enzymes from bioluminescent bacteria contain FMN, while the enzyme from Escherichia coli does not. The enzyme often forms a two-component system with monooxygenases such as luciferase. Unlike EC 1.5.1.39, this enzyme does not use NADH as acceptor. While FMN is the preferred substrate, the enzyme can also use FAD and riboflavin with lower activity.
Synonyms	FRP; flavin reductase P; SsuE

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 1.5.1.38
Reaction	FMNH2 + NADP+ = FMN + 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 ℃.