Creative Enzymes®

flavin reductase (NADPH)

Cat. No. EXWM-1512

Lot. No. (See product label)

Introduction

Description	The enzyme reduces riboflavin, and, less efficiently, FMN and FAD. NADH is oxidized less efficiently than NADPH.
Synonyms	NADPH:flavin oxidoreductase; riboflavin mononucleotide (reduced nicotinamide adenine dinucleotide phosphate) reductase; flavin mononucleotide reductase; flavine mononucleotide reductase; FMN reductase (NADPH); NADPH-dependent FMN reductase; NADPH-flavin reductase; NADPH-FMN reductase; NADPH-specific FMN reductase; riboflavin mononucleotide reductase; riboflavine mononucleotide reductase; NADPH2 dehydrogenase (flavin); NADPH2:riboflavin oxidoreductase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 1.5.1.30
CAS No.	56626-29-0
Reaction	reduced riboflavin + NADP+ = riboflavin + 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 ℃.