Creative Enzymes®

flavin prenyltransferase

Cat. No. EXWM-2745

Lot. No. (See product label)

Introduction

Description	The enzyme produces the modified flavin cofactor prenylated FMNH2, which is required by EC 4.1.1.98, 4-hydroxy-3-polyprenylbenzoate decarboxylase, and EC 4.1.1.102, phenacrylate decarboxylase. The enzyme acts as a flavin prenyltransferase, linking a dimethylallyl moiety to the flavin N-5 and C-6 atoms and thus adding a fourth non-aromatic ring to the flavin isoalloxazine group.
Synonyms	ubiX (gene name); PAD1 (gene name)

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 2.5.1.129
Reaction	dimethylallyl phosphate + FMNH2 = prenylated FMNH2 + phosphate
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 ℃.