

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 °C for short term. For long term storage, store it at -20 °C~-80 °C.