

(5-formylfuran-3-yl)methyl phosphate transaminase

Cat. No. EXWM-2848

Lot. No. (See product label)

Introduction

Description

A pyridoxal 5'-phosphate protein. The enzyme, characterized from the archaeobacterium *Methanocaldococcus jannaschii*, participates in the biosynthesis of the cofactor methanofuran. Requires pyridoxal 5'-phosphate.

Synonyms

mfnC (gene name); [5-(hydroxymethyl)furan-3-yl]methyl phosphate transaminase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 2.6.1.108

Reaction

L-alanine + (5-formylfuran-3-yl)methyl phosphate = pyruvate + [5-(aminomethyl)furan-3-yl]methyl 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.