

2-phospho-L-lactate transferase

Cat. No. EXWM-3327

Lot. No. (See product label)

Introduction

Description

This enzyme is involved in the biosynthesis of coenzyme F420, a redox-active cofactor found in all methanogenic archaea, as well as some eubacteria.

Synonyms

LPPG:Fo 2-phospho-L-lactate transferase; LPPG:7,8-didemethyl-8-hydroxy-5-deazariboflavin 2-phospho-L-lactate transferase; MJ1256; lactyl-2-diphospho-(5')guanosine:Fo 2-phospho-L-lactate transferase; CofD

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 2.7.8.28

Reaction

(2S)-lactyl-2-diphospho-5'-guanosine + 7,8-didemethyl-8-hydroxy-5-deazariboflavin = GMP + coenzyme F420-0

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.