Creative Enzymes®

7,8-dihydropterin-6-yl-methyl-4-(β-D-ribofuranosyl)aminobenzene 5'-phosphate synthase

Cat. No. EXWM-2721

Lot. No. (See product label)

Introduction

Description	The enzyme, which has been studied in the archaeon Methanocaldococcus jannaschii, is involved in the biosynthesis of tetrahydromethanopterin.
Synonyms	MJ0301 (gene name); dihydropteroate synthase (ambiguous)

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 2.5.1.105
Reaction	(7,8-dihydropterin-6-yl)methyl diphosphate + 4-(β-D-ribofuranosyl)aniline 5'-phosphate = N-[(7,8-dihydropterin-6-yl)methyl]-4-(β-D-ribofuranosyl)aniline 5'-phosphate + diphosphate
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 ℃.