Creative Enzymes®

7,8-dihydroneopterin 2',3'-cyclic phosphate phosphodiesterase

Cat. No. EXWM-3739

Lot. No. (See product label)

Introduction

Description	Contains one zinc atom and one iron atom per subunit of the dodecameric enzyme. It hydrolyses 7,8-dihydroneopterin 2',3'-cyclic phosphate, a step in tetrahydromethanopterin biosynthesis. In vitro the enzyme forms 7,8-dihydroneopterin 2'-phosphate and 7,8-dihydroneopterin 3'-phosphate at a ratio of 4:1.
Synonyms	MptB

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 3.1.4.56
Reaction	(1) 7,8-dihydroneopterin 2',3'-cyclic phosphate + H2O = 7,8-dihydroneopterin 3'-phosphate; (2) 7,8-dihydroneopterin 2',3'-cyclic phosphate + H2O = 7,8-dihydroneopterin 2'-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 ℃.