Creative Enzymes®

GTP cyclohydrolase IV

Cat. No. EXWM-4567

Lot. No. (See product label)

Introduction

Description	Requires Fe2+. A zinc protein. The enzyme is involved in methanopterin biosynthesis in methanogenic archaea. cf. GTP cyclohydrolase I (EC 3.5.4.16), GTP cyclohydrolase II (EC 3.5.4.25) and GTP cyclohydrolase IIa (EC 3.5.4.29).
Synonyms	MptA; GTP cyclohydrolase MptA

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 3.5.4.39
Reaction	GTP + H2O = 7,8-dihydroneopterin 2',3'-cyclic phosphate + formate + 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 ℃.