Creative Enzymes®

GMP reductase

Cat. No. EXWM-1614

Lot. No. (See product label)

Introduction

Description	It converts nucleobase, nucleoside and nucleotide derivatives of G to A nucleotides, and maintains intracellular balance of A and G nucleotides. In melanocytic cells, GMP reductase gene expression may be regulated by MITF.
Synonyms	guanosine 5'-monophosphate reductase; NADPH:GMP oxidoreductase (deaminating); guanosine monophosphate reductase; guanylate reductase; NADPH2:guanosine-5'-phosphate oxidoreductase (deaminating); guanosine 5'-phosphate reductase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 1.7.1.7
CAS No.	9029-32-7
Reaction	IMP + NH3 + NADP+ = GMP + NADPH + H+
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 ℃.