Creative Enzymes®

Recombinant E. coli Xanthosine Phosphorylase

Cat. No. CEGZ-6386

Lot. No. (See product label)

Introduction

Description	A recombinant xanthosine phosphorylase originating from the Escherichia coli xapA gene and purified by His6-tag affinity chromatography.
Applications	For research and in vitro use in studies of xanthosine phosphorolysis and nucleoside metabolism.
Synonyms	XAP; xapA; pndA; PNPII; PNP; PNPase; Pu-NPase; PUNP; NP; purine-nucleoside:phosphate ribosyltransferase

Product Information

Species	Escherichia coli
Source	Recombinant E. coli
Form	Liquid
EC Number	EC 2.4.2.1
CAS No.	9030-21-1
Molecular Weight	31.2 kDa
Specificity	Xanthosine
Substrates	Xanthosine; phosphate
Reaction	Xanthosine + phosphate = xanthine + alpha-D-ribose 1-phosphate
Notes	Mesophilic. Recombinant protein produced in E. coli and purified by His6-tag affinity chromatography.
Usage	Research and in vitro use only.

Storage and Shipping Information

Storage	4°C