

Active Recombinant E.coli Xanthosine phosphorylase, His tagged

Cat. No. XAP-14E Lot. No. (See product label)

SPECIFICATION

Product Overview	The xanthosine phosphorylase is a mesophilic enzyme and originates from the Escherichia coli xapA gene. Recombinant from E. coli, purified by His6-Tag affinity chromatography. Produced and sold for research purposes and in vitro use only.
Species	E.coli
Source	E.coli
Description	It catalyzes the reversible phosphorolytic breakdown of the N-glycosidic bond of xanthosine with the formation of the corresponding free xanthine base and ribose-1-phosphate.
Form	Liquid, buffered
Molecular Mass	31.2 kDa
Storage	4 centigrade
EC No.	2.4.2.1
CAS No.	9030-21-1
Catalyzed reaction(s)	xanthosine + phosphate = xanthine + α-D-ribose 1-phosphate

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Example reaction conditions	N/A Please note that optimal reaction conditions - especially reaction time and/or enzyme concentration - may vary depending on the substrate.
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Other characteristics	Mesophilic
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GENE INFORMATION

Official Symbol	XAP
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Synonyms	XAP; xapA; pndA; PNPII; PNP; PNPase; Pu-NPase; PUNP; NP; purine-nucleoside:phosphate ribosyltransferase
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