

## Active Recombinant E.coli Uridine phosphorylase, His tagged

Cat. No. Udp-08E Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	The uridine phosphorylase is a mesophilic enzyme originating from Escherichia coli. Recombinant from E. coli, purified by His6-Tag affinity chromatography. Produced and sold for research purposes and in vitro use only.
<b>Species</b>	E.coli
<b>Source</b>	E.coli
<b>Description</b>	Uridine phosphorylases catalyze the reversible phosphorolytic breakdown of the N-glycosidic bond of uridine with the formation of uracil and ribose-1-phosphate.
<b>Form</b>	Liquid, buffered
<b>Molecular Mass</b>	28.6 kDa
<b>Storage</b>	4 centigrade
<b>EC No.</b>	2.4.2.3
<b>CAS No.</b>	9030-22-2
<b>Catalyzed reaction(s)</b>	Uridine + phosphate = uracil + α-D-ribose 1-phosphate
<b>Example reaction conditions</b>	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

## GENE INFORMATION

**Official Symbol** Udp

**Synonyms** Udp; UP; UPase; Py-NPase; PYNP; pynpase; pyrimidine ribonucleoside phosphorylase; uridine:phosphate  $\alpha$ -D-ribosyltransferase

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