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## AR10479PU-N OriGene EU

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## **Uridine phosphorylase - Purified**

Catalog No.:	AR10479PU-N
Quantity:	50 µg
Concentration:	1.0 mg/ml (prior to lyophil.)
Background:	Uridine phosphorylase from <i>Salmonella typhimurium</i> (StUP) catalyzes the reversible phosphorolysis of uridine with the formation of ribose-1-phosphate and uracil.
Uniprot ID:	<u>P0A1F6</u>
NCBI:	<u>NP_462853.1</u>
GenelD:	<u>1255494</u>
Source:	E. coli
Format:	State: Sterile Filtered white lyophilized powder Purity: > 95.0% as determined by SDS-PAGE Buffer System: Lyophilized from 1.0 mg/ml solution containing 25mM Tris-HCl, pH 8.0, 0.15M NaCl Reconstitution: Restore in sterile $18M\Omega$ -cm <sup>-1</sup> H <sub>2</sub> O not less than 100 µg/ml, which can then be further diluted to other aqueous solutions.
Description:	Recombinant Uridine Phosphorylase <i>Salmonella typhimurium</i> produced in <i>E.coli</i> is a non- glycosylated, polypeptide. <b>Biological Activity:</b> 30 U/mg protein. Activity Determination: One unit phosphorylates 1 μM of Uridine within 1 min at pH. <b>Molecular weight:</b> 163068 Da
Storage:	Prior to reconstitution store at 2-8°C for one month or desiccated below -18°C. Following reconstitution store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. For long-term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid repeated freezing and thawing. Shelf life: one year from despatch.

**For research and in vitro use only. Not for diagnostic or therapeutic work.** Material Safety Datasheets are available at www.acris-antibodies.com or on request. Acris Antibodies is now part of the OriGene family. Learn more at www.origene.com



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