

## Uridine phosphorylase - Purified

<b>Catalog No.:</b>	AR10479PU-S
<b>Quantity:</b>	10 µg
<b>Concentration:</b>	1.0 mg/ml (prior to lyophil.)
<b>Background:</b>	Uridine phosphorylase from <i>Salmonella typhimurium</i> (StUP) catalyzes the reversible phosphorolysis of uridine with the formation of ribose-1-phosphate and uracil.
<b>Uniprot ID:</b>	<a href="#">P0A1F6</a>
<b>NCBI:</b>	<a href="#">NP_462853.1</a>
<b>GeneID:</b>	<a href="#">1255494</a>
<b>Source:</b>	E. coli
<b>Format:</b>	<b>State:</b> Sterile Filtered white lyophilized powder <b>Purity:</b> > 95.0% as determined by SDS-PAGE <b>Buffer System:</b> Lyophilized from 1.0 mg/ml solution containing 25mM Tris-HCl, pH 8.0, 0.15M NaCl <b>Reconstitution:</b> Restore in sterile 18MΩ·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.
<b>Description:</b>	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
<b>Storage:</b>	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.