

Uridine phosphorylase - Purified

Catalog No.:	AR10479PU-L
Quantity:	1 mg
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:	P0A1F6
NCBI:	NP_462853.1
GeneID:	1255494
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 18MΩ-cm ⁻¹ H ₂ 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. Biological Activity: 30 U/mg protein. Activity Determination: One unit phosphorylates 1 µM of Uridine within 1 min at pH. Molecular weight: 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.