

Uridine Phosphorylase E.coli Recombinant

Item Number	rAP-1578
Synonyms	UPASE, UDRPASE, UPP, UDP.
Description	UPP1 E.Coli Recombinant protein produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 273 amino acids (1-253) and having a molecular mass of 29.3 kDa. UPP1 is fused to a 20 amino acid His Tag at N-terminus and is purified by proprietary chromatographic techniques.
Uniprot Accession Number	
Amino Acid Sequence	MGSSHHHHHH SSSLVPRGSH MSKSDVFHLG LTKNDLQGAT LAIVPGDPDR VEKIAALMDK PVKLASHREF TTWRAELD GK PVIVCSTGIG GPSTSIAVEE LAQLGIRTF L RIGTTGAIQP HINVGDLVLT TASVRLDGAS LHFAPLEFPA VADFECTTAL VEAAKSIGAT THVGV TASSD TFYPGQERYD TYSGRVVRHF KGSMEEWQAM GVMNYEMESA TLLTMCASQG LRAGMVAGVI VNRTQQEIPN AETMKQTESH AVKIVVEAAR RLL.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Formulation and Purity	UPP1 solution (1mg/ml) contains 20 mM Tris-HCl buffer (pH 8.0), 1mM DTT, 50mM NaCl and 10% glycerol. Greater than 95.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**