

udp

Recombinant *Salmonella typhimurium* Uridine Phosphorylase

Catalog No.	CSI12792 CSI12793 CSI12794	Quantity:	10 µg 50 µg 1.0 mg
Alternate Names:	Uridine phosphorylase, UrdPase, UPase, StUP.		
Description:	Uridine phosphorylase from <i>Salmonella typhimurium</i> (UPase) catalyzes the reversible phosphorolysis of uridine with the formation of ribose-1-phosphate and uracil. Recombinant <i>Salmonella typhimurium</i> Uridine phosphorylase is a non-glycosylated, polypeptide having a total molecular mass of 163 kDa.		
Physical Appearance:	Sterile Filtered white lyophilized powder.		
Gene ID:	1255494		
Source:	<i>E. coli</i>		
Molecular Mass:	163 kDa		
Formulation:	The UPase was lyophilized from 1 mg/ml solution containing 25 mM Tris-HCl, pH 8.0, + 0.15 M NaCl.		
Purity:	Greater than 95.0% as determined by SDS-PAGE.		
Activity Determination:	One unit phosphorylates 1 µm of uridine within 1 min at pH 7.3.		
Enzyme Activity:	30 U/mg protein.		
Reconstitution:	Reconstitute the lyophilized protein in sterile distilled water at not less than 100 µg/ml, which can then be further diluted to other aqueous solutions.		
Storage & Stability:	Lyophilized protein should be stored desiccated below -20°C. Upon reconstitution, UPase may be stored at 2-4°C for 1 week and for future use, aliquot and freeze below -20°C. For long-term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid repeated freeze-thaw cycles.		

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.



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