
Product Data Sheet

Product Name: UPP1 Salmonella

Cat. No.: GP22390

Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped at Room temp.
Synonyms	Uridine phosphorylase; EC 2.4.2.3; UrdPase; UPase; StUP.		
Solubility	It is recommended to reconstitute the lyophilized UPase in sterile 18MΩ-cm H ₂ O not less than 100 µg/ml, which can then be further diluted to other aqueous solutions.		
Formulation	The UPase was lyophilized from 1mg/ml solution containing 25mM Tris-HCl, pH 8.0, 0.15M NaCl.		

Introduction

Uridine phosphorylase from *Salmonella typhimurium* (StUP) catalyzes the reversible phosphorolysis of uridine with the formation of ribose-1-phosphate and uracil.

Stability

Lyophilized UPase although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution UPase should be stored at 4°C between 2-7 days and for future use below -18°C. For long-term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

Background

Uridine phosphorylase *Salmonella typhimurium* Recombinant produced in *E. Coli* is a non-glycosylated, polypeptide having a total molecular mass of 163068 Dalton.

Caution: Product has not been fully validated for medical applications. For research use only.

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