

UPP1 Salmonella

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

Catalog #: ENPS-355

Synonyms: Uridine phosphorylase, EC 2.4.2.3, UrdPase, UPase, StUP.

For research use only.

Source: Escherichia Coli.

Physical Appearance: Sterile Filtered white lyophilized powder.

Purity: Greater than 95.0% as determined by SDS-PAGE.

Formulation:

The UPase was lyophilized from 1mg/ml solution containing 25mM Tris-HCl, pH 8.0, 0.15M NaCl.

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.

Usage:

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. They may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

Solubility:

It is recommended to reconstitute the lyophilized UPase in sterile 18M-cm H₂O not less than 100 µg/ml, which can then be further diluted to other aqueous solutions.

Introduction:

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

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