

32-2920: UPP1 Recombinant Protein

Alternative Name : Uridine phosphorylase, EC 2.4.2.3, UrdPase, UPase, StUP.

Description

Source : Escherichia Coli. Uridine phosphorylase Salmonella typhimurium Recombinant produced in E. Coli is a non-glycosylated, polypeptide having a total molecular mass of 163068 Dalton. Uridine phosphorylase from Salmonella typhimurium (StUP) catalyzes the reversible phosphorolysis of uridine with the formation of ribose-1-phosphate and uracil.

Product Info

Amount : 50 µg
Purification : Greater than 95.0% as determined by SDS-PAGE.
Content : The UPase was lyophilized from 1mg/ml solution containing 25mM Tris-HCl, pH 8.0, 0.15M NaCl.
Storage condition : 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.

Application Note

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