

Salmonella Typhimurium Uridine phosphorylase Active Protein | UPP1 active protein

Recombinant Salmonella Typhimurium Uridine phosphorylase

CATALOG # AAA38288	HOST E Coli
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PRODUCT SYNONYMS

Salmonella Typhimurium Uridine phosphorylase; Recombinant Salmonella Typhimurium Uridine phosphorylase; UPP1 Salmonella; Uridine Phosphorylase Salmonella Typhimurium Recombinant; Uridine phosphorylase; EC 2.4.2.3; UrdPase; UPase; StUP; UPP1 active protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 95.0% as determined by SDS-PAGE.
Form/Format	The UPase was lyophilized from 1mg/ml solution containing 25mM Tris-HCl, pH 8.0, 0.15M NaCl. Sterile Filtered white lyophilized powder.
Sequence Length	253
Activity Determination	One unit phosphorylates 1um of uridine within 1 min at pH 7.3.
Enzyme Activity	30 U/mg protein.
Solubility	It is recommended to reconstitute the lyophilized UPase in sterile 18M Omega -cm H2O not less than 100 ug/ml, which can then be further diluted to other aqueous solutions.
Preparation and Storage	Lyophilized UPase although stable at room temperature for 3 weeks, should be stored desiccated below -18 degree C. Upon reconstitution UPase should be stored at 4 degree C between 2-7 days and for future use below -18 degree C. For long-term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for UPP1 active protein	Description: Uridine phosphorylase Salmonella typhimurium Recombinant produced in E Coli is a non-glycosylated, polypeptide having a total molecular mass of 163068 Dalton. Introduction: Uridine phosphorylase from Salmonella typhimurium (StUP) catalyzes the reversible phosphorolysis of uridine with the formation of ribose-1-phosphate and uracil.
Product Categories/Family for UPP1 active protein	Enzymes; Phosphorylase

NCBI AND UNIPROT INFORMATION

NCBI GI #	16767238
NCBI GeneID	1255494
NCBI Accession #	NP_462853.1
NCBI GenBank Nucleotide #	NC_003197.1
UniProt Accession #	P0A1F6; O08432; O33808; Q9L6M8
Molecular Weight	27,139 Da

NCBI Official Full Name	uridine phosphorylase
NCBI Official Symbol	udp
NCBI Protein Information	uridine phosphorylase
UniProt Protein Name	Uridine phosphorylase
UniProt Gene Name	udp
UniProt Synonym Gene Names	UPase; UrdPase
UniProt Entry Name	UDP_SALTY

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/e-coli-upp1-active-protein/salmonella-typhimurium-uridine-phosphorylase/38288>