

Product Name: Recombinant Human UPP1 (N-6His)
Catalog #: PEH1794

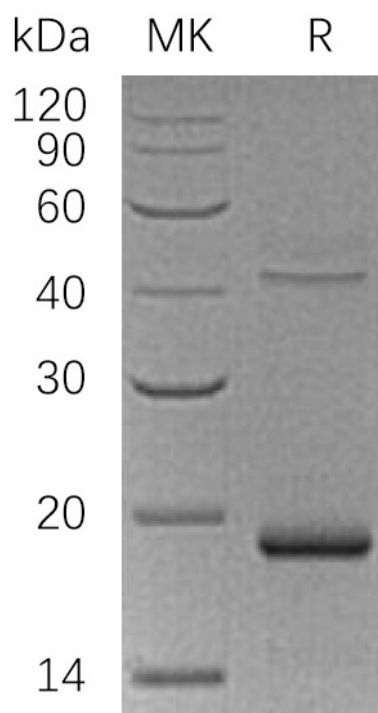


Summary

Name	Uridine Phosphorylase 1/UPP1
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	Recombinant Human Uridine Phosphorylase 1 is produced by our E.coli expression system and the target gene encoding Met1-Ala173 is expressed with a 6His tag at the N-terminus.
Accession #	Q86Y75
Host	E.coli
Species	Human
Predicted Molecular Mass	21.3 Kda
Formulation	Supplied as a 0.2 μm filtered solution of 20mM Tris-HCl, 200mM NaCl, 1mM DTT, pH 8.0.
Shipping	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Reconstitution	

SDS-PAGE image

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Alternative Names

UPP1 Protein; Uridine Phosphorylase 1; UPP1

Background

Uridinephosphorylase 1 (UPP1) is a member of the family of pentosyltransferase. UPP1 catalyses the reversible phosphorolysis of uridine to uracil. The expression levels and the enzymatic activity of UPP1 are higher in human solid tumors than in adjacent normal tissues. The high level of UPP1 expression in some tumors makes it a potential prognostic factor for some cancers, such as oral squamous cell carcinoma. UPP1 is important for the homeostatic regulation of intracellular and plasma uridine concentrations. UPP1 plays an important role in the pyrimidine salvage pathway through its catalysis of the reversible phosphorolysis of uridine to uracil.

Note

For Research Use Only , Not for Diagnostic Use.