

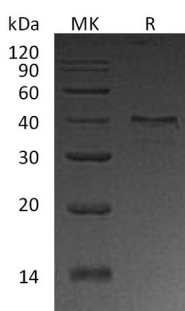
Product Name: Recombinant Human UPRT (N-6His)
Catalog #: PEH1793



Summary

Name	Uracil phosphoribosyltransferase homolog/UPRT
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	Recombinant Human Uracil Phosphoribosyltransferase Homolog is produced by our E.coli expression system and the target gene encoding Met1-Asp309 is expressed with a 6His tag at the N-terminus.
Accession #	Q96BW1
Host	E.coli
Species	Human
Predicted Molecular Mass	35.9 KDa
Formulation	Supplied as a 0.2 μm filtered solution of 20mM Tris-HCl, 150mM NaCl, 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



Background

Alternative Names	Uracil phosphoribosyltransferase homolog; UPP; FUR1; UPRT
Background	UPRT is a cytoplasmic enzyme which belongs to the UPRTase family. UPRT is highly expressed in leukocytes, liver, spleen and thymus, with lower expression in brain,

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lung and skeletal muscle. UPRT catalyzes the conversion of uracil and 5-phosphoribosyl-1-R-diphosphate to uridine monophosphate (UMP). This reaction is an important part of nucleotide metabolism, specifically the pyrimidine salvage pathway. UPRT is a potential target for rational design of drugs to treat parasitic infections and cancer

Note

For Research Use Only , Not for Diagnostic Use.