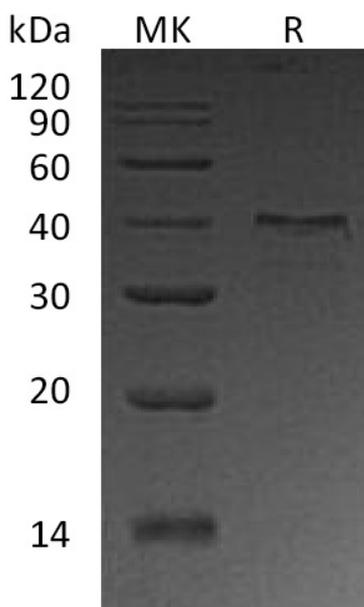


Summary

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



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



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, 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.