

Recombinant Human Uracil Phosphoribosyltransferase Homolog/UPRT Protein(N-6His)

Cat.NO.: TP05899

3th Edition

Synonyms:Uracil phosphoribosyltransferase homolog; UPP; FUR1; UPRT

Description: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

Form:PBS

Molecular Weight:35.9 kDa

Sequences:Met 1-Asp309

Purity:> 95% by HPLC

Concentration:

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.