



# Recombinant Human Uracil phosphoribosyltransferase homolog (UPRT)

<b>Product Code</b>	CSB-YP839297HU
<b>Abbreviation</b>	UPRT
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	Q96BW1
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MATELQCPDS MPCHNQQVNS ASTPSPEQLR PGDLILDHAG GNRASRAKVI LLTGYAHSSL PAELDSGACG GSSLNSEGNS GSGDSSSYDA PAGNSFLEDC ELSRQIGAQL KLLPMNDQIR ELQTIIRDKT ASRGDFMFA DRLIRLVVEE GLNQLPYKEC MVTPTGYKY EGVKFEKGNC GVSIMRSGEA MEQGLRDCCR SIRIGKILIQ SDEETQRAKV YYAKFPDIY RRVLLMYPI LSTGNTVIEA VKVLIEHGVQ PSVILLSLF STPHGAKSII QEFPEITILT TEVHPVAPTH FGQKYFGTD
<b>Source</b>	Yeast
<b>Target Names</b>	UPRT
<b>Protein Names</b>	Recommended name: Uracil phosphoribosyltransferase homolog
<b>Expression Region</b>	1-309
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Target Details</b>	This gene encodes uracil phosphoribosyltransferase, which 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. The enzyme localizes to the nucleus and cytoplasm. The protein is a potential target for rational design of drugs to treat parasitic infections and cancer.
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.



## Shelf Life

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