



Recombinant Human Uracil phosphoribosyltransferase homolog (UPRT)

Product Code	CSB-EP839297HU-B
Abbreviation	UPRT
Storage	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.
Uniprot No.	Q96BW1
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	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 VKVLIHGVQ PSVILLSLF STPHGAKSII QEFPEITILT TEVHPVAPTH FGQKYFGTD
Source	E.coli
Target Names	UPRT
Protein Names	Recommended name: Uracil phosphoribosyltransferase homolog
Expression Region	1-309
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Target Details	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.
Reconstitution	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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