

Recombinant Human UPRT Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. UPRT-3595H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	UPRT MS Standard C13 and N15-labeled recombinant protein (NP_659489) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	33.8 kDa
AA Sequence	MATELQCPDSMPCHNQVNSASTPSPEQLRPGDLILDHAGGNRASRAKVILLTG YAHSSLP AELDSGACGGSSLNSEGNSSGSDSSSYDAPAGNSFLEDCELSRQIGAQLKL LPMNDQIRELQTIIRDKTASRGDFMFSADRLRLVVEEGLNQLPYKECMVTTPTGYKY EGVKFEKGNGCGVSIMRSGEAMEQGLRDCCRSIRIGKILIQSDEETQRAKVYYAKFPP DIYRRKVLLMPILSTGNTVIEAVKVLIEHGVQPSVILLSLFSTPHGAKSIIQEFPEITILT TEVHPVAPTHFGQKYFGTDTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

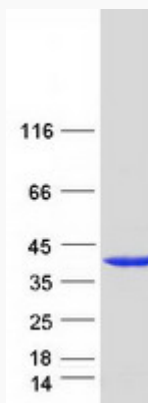
GENE INFORMATION

Gene Name	UPRT uracil phosphoribosyltransferase homolog [Homo sapiens (human)]
Official Symbol	UPRT
Synonyms	UPRT; uracil phosphoribosyltransferase (FUR1) homolog (S. cerevisiae); uracil phosphoribosyltransferase homolog; DKFZp781E1243; FUR1; MGC23937; RP11 311P8.3; UPRTase; UMP pyrophosphorylase; UPP; RP11-311P8.3;
Gene ID	139596
mRNA Refseq	NM_145052
Protein Refseq	NP_659489
MIM	300656
UniProt ID	Q96BW1

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

SDS-PAGE

Tel: 1-631-559-9269 1-516-512-3133

Email: info@creative-biomart.com Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA