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). Th is reaction is an important part of nucleotide metabolism, specifically the pyrimidine sa lvage 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	MATELQCPDSMPCHNQQVNSASTPSPEQLRPGDLILDHAGGNRASRAKVILLTGYA HSSLPAELDSGACGGSSLNSEGNSGSGDSSSYDAPAGNSFLEDCELSRQIGAQLKL LPMNDQIRELQTIIRDKTASRGDFMFSADRLIRLVVEEGLNQLPYKECMVTTPTGYKY EGVKFEKGNCGVSIMRSGEAMEQGLRDCCRSIRIGKILIQSDEETQRAKVYYAKFPP DIYRRKVLLMYPILSTGNTVIEAVKVLIEHGVQPSVIILLSLFSTPHGAKSIIQEFPEITILT TEVHPVAPTHFGQKYFGTDTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

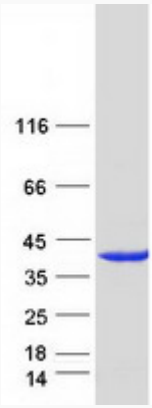
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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM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

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SDS-PAGE	

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