

Product datasheet for **TP305030**

UPRT (NM_145052) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human uracil phosphoribosyltransferase (FUR1) homolog (S. cerevisiae) (UPRT)
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC205030 protein sequence Red =Cloning site Green =Tags(s)

MATELQCPDSMPCHNQQVNSASTPSPEQLRPGDLILDHAGGNRASRAKIVLLTGYAHSSLPALDMSGACG
GSSLNSEGNSGSDSSSYDAPAGNSFLEDCELSRQIGAQLKLLPMNDQIRELQTIIRDKTASRGDFMFSA
DRLIRLVVEEGLNQLPYKECMVTTPTGYKYEGVKFEKGNGVGSIMRSGEAMEQGLRDCCRSIRIGKILIQ
SDEETQRAKVYYAKFPPDIYRRKVLMLYPILSTGNTVIEAVKVLIEHGVQPSVILLSLFSTPHGAKSII
QEFPEITILTTEVHPVAPTHFGQKYFGTD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	33.6 kDa
Concentration:	>50 ug/mL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_659489
Locus ID:	139596
UniProt ID:	Q96BW1 , A8KAF9



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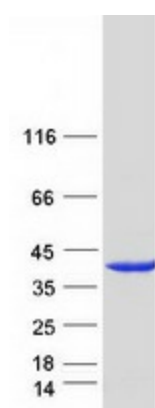
RefSeq Size: 2512
Cytogenetics: Xq13.3
RefSeq ORF: 927
Synonyms: FUR1; UPP

Summary: 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. [provided by RefSeq, Nov 2009]

Protein Families: Druggable Genome

Protein Pathways: Metabolic pathways, Pyrimidine metabolism

Product images:



Coomassie blue staining of purified UPRT protein (Cat# TP305030). The protein was produced from HEK293T cells transfected with UPRT cDNA clone (Cat# [RC205030]) using MegaTran 2.0 (Cat# [TT210002]).