

## Product datasheet for **TP300406M**

### Uridine Phosphorylase 1 (UPP1) (NM\_003364) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human uridine phosphorylase 1 (UPP1), transcript variant 1, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC200406 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	<p>MAATGANAEKAESHNDPCVRLNPNIAKMKEDILYHFNLTTSRHNFPALFGDVKFVCGGSPSRMKAFIR            CVGAELGLDCPGRDYPNICAGTDRYAMYKVGVPVLSVSHGMGIPISIMLHELKLLYYARCSNVTIIRIG            TSGGIGLEPGTVVITEQAVDTCFKAEFEQIVLGRVIRKTDLNKKLVQELLCSAELSEFTTVVGNTMCT            LDFYEGQGRLDGALCSYTEKDKQAYLEAAYAAGVRNIEMESSVFAAMCSACGLQAAVCVTLLNRLEGDQ            ISSPRNVLSEYQQRQPRLVSYFIKKKLSKA</p> <p><b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b></p>
Tag:	C-Myc/DDK
Predicted MW:	33.8 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
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:	<u><a href="#">NP_003355</a></u>
Locus ID:	7378



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UniProt ID: [Q16831](#), [B4DND0](#)

RefSeq Size: 1733

Cytogenetics: 7p12.3

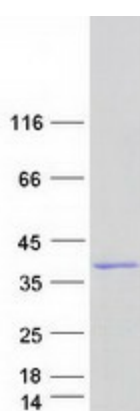
RefSeq ORF: 930

Synonyms: UDRPASE; UP; UPASE; UPP

**Summary:** This gene encodes a uridine phosphorylase, an enzyme that catalyzes the reversible phosphorylation of uridine (or 2'- deoxyuridine) to uracil and ribose-1-phosphate (or deoxyribose-1-phosphate). The encoded enzyme functions in the degradation and salvage of pyrimidine ribonucleosides. [provided by RefSeq, Oct 2016]

**Protein Pathways:** Drug metabolism - other enzymes, Metabolic pathways, Pyrimidine metabolism

### Product images:



Coomassie blue staining of purified UPP1 protein (Cat# [TP300406]). The protein was produced from HEK293T cells transfected with UPP1 cDNA clone (Cat# [RC200406]) using MegaTran 2.0 (Cat# [TT210002]).