

## Product datasheet for TP504419

### Upp1 (NM\_001159402) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse uridine phosphorylase 1 (Upp1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR204419 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	<p>MAATGTEAKDLENHHNDCFIQLSNPNIAAMKEDVLYHFNLSTSTHDFPAMFGDVKFVCGVGGSSSRMNTFI KYVAAELGLDHPGKEYPNICAGTDRYAMYKAGPVLSVSHGMGIPSIGIMLHELIMLYHARCSNITIIRI GTSGGIGLEPGSWITQQAVNECFKPEFEQIVLGKRVIRNTNLDAQLVQELVQCSSDLNEFPMVVGNTMC TLDFYEGQGRLDGALCSYTEKDKQSYLRAAHAAGVRNIEMESSVFATMCSACGLKAAVVCVTLLDRLQGD QINTPHDVLVEYQQRPQRLVGHFIKKSLGRA</p> <p><b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b></p>
Tag:	C-MYC/DDK
Predicted MW:	34.1 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
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 after receiving vials.
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:	<a href="#">NP_001152874</a>
Locus ID:	22271
UniProt ID:	<a href="#">P52624</a> , <a href="#">Q5SUC8</a>



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RefSeq Size: 1269

Cytogenetics: 11 A1

RefSeq ORF: 936

Synonyms: AI325217; UdRPase; Up; UPase; Upp

**Summary:** Catalyzes the reversible phosphorylytic cleavage of uridine and deoxyuridine to uracil and ribose- or deoxyribose-1-phosphate (PubMed:7744869). The produced molecules are then utilized as carbon and energy sources or in the rescue of pyrimidine bases for nucleotide synthesis.[UniProtKB/Swiss-Prot Function]