

Product datasheet for **TP505044**

Upp2 (BC027189) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse uridine phosphorylase 2 (cDNA clone MGC:28547 IMAGE:4196835), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR205044 protein sequence Red =Cloning site Green =Tags(s)
	MASILPASNRSMRPDKNTYESPGWTEIPQYRPGCPQIHRKRSVYVKNPYLEGMDEDILYHLDLGTKTHNL PAMFGDVKFCVGGSPNRMKAFAQFMHKELRLEGDGEDIEDICAGTDRYCMFKTGPVLSVSHGMGIPSIS IMLHELKLLHHAHCCDVTIIRIGTSGGIGIAPGSVITDVAVDSFFKPRFEQVILDNVVTRSTELDKEL ANDLFNCSREIPNVPTLIGHTMCTYDFYEGQGRLDGALCSFSREKKLDYLRAYRAGVRNIEMESTVFAA MCGLCGLRAAVVCVTLDRLESDQINLSHDVLEVEYQQRPLLISNFIKKQLGLCDQMS
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	37.8 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
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.
Locus ID:	76654
UniProt ID:	<u>Q8CGR7</u>
RefSeq Size:	2512



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Cytogenetics:	2 C1.1
RefSeq ORF:	1014
Synonyms:	UP2, UPASE2, UDRPASE2
Summary:	Catalyzes the reversible phosphorylytic cleavage of uridine and deoxyuridine to uracil and ribose- or deoxyribose-1-phosphate. The produced molecules are then utilized as carbon and energy sources or in the rescue of pyrimidine bases for nucleotide synthesis (By similarity). [UniProtKB/Swiss-Prot Function]