

Product datasheet for TP503731

Uck1 (NM_011675) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse uridine-cytidine kinase 1 (Uck1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR203731 protein sequence Red =Cloning site Green =Tags(s)
	MASAGGGGSESAAPEADRPQPRPFLIGVSGGTASGKSTVCEKIMELLGQNEVDRRQRKLVILSQDCFYKV LTAEQKAKALKGQYNFDHPDAFDNDLMHKTLKNIVEGKTVPTVDFVTHSRLPETTVVYPADVLFEGI LVFYTQEIRDMFHLRLFVDTSDVRLSRRVLRDVQRGRDLEQILTQYAFVKPAFEFCLPTKKYADVII PRGVDNMVAINLIVQHIQDILNGDLCKRHRGGPNGRNHKRTFPEPGDHPGVLATGKRSHLESSSRPH
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	31.1 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:	NP_035805
Locus ID:	22245
UniProt ID:	P52623 , A2AN37 , Q3V218
RefSeq Size:	1966



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Cytogenetics: 2 B

RefSeq ORF: 834

Synonyms: Umpk; URK1

Summary: Phosphorylates uridine and cytidine to uridine monophosphate and cytidine monophosphate. Does not phosphorylate deoxyribonucleosides or purine ribonucleosides. Can use ATP or GTP as a phosphate donor. Can also phosphorylate cytidine and uridine nucleoside analogs such as 6-azauridine, 5-fluorouridine, 4-thiouridine, 5-bromouridine, N(4)-acetylcytidine, N(4)-benzoylcytidine, 5-fluorocytidine, 2-thiocytidine, 5-methylcytidine, and N(4)-anisoylcytidine (By similarity).[UniProtKB/Swiss-Prot Function]