

Product datasheet for **TP302406**

UCK2 (NM_012474) Human Recombinant Protein

Product data:

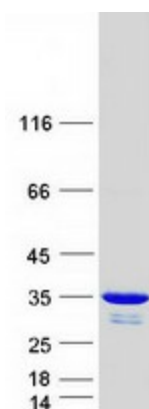
Product Type:	Recombinant Proteins
Description:	Recombinant protein of human uridine-cytidine kinase 2 (UCK2), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC202406 protein sequence Red =Cloning site Green =Tags(s)
	<p>MAGDSEQLQNHQQPNGGEPFLIGVSGGTASGKSSVCAKIVQLLQNEVDYRQKQVWILSQDSFYRVLTS EQKAKALKGQFNFDHPDAFDNELILKTLKEITEGKTVQIPVYDFVSHSRKEETVTVYPADWVLFEGILAF YSQEVKDLFQMKLFVDTADTRLSRRVLRDISERGRDLEQILSQYITFVKPAFEFCLPTKKYADVIPR GADNLVAINLIVQHIQDILNGGPSKRQTNGCLNGYTPSRKRQASESSSRPH</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-Myc/DDK
Predicted MW:	29.1 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
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:	NP_036606
Locus ID:	7371
UniProt ID:	Q9BZX2



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RefSeq Size:	4940
Cytogenetics:	1q24.1
RefSeq ORF:	783
Synonyms:	TSA903; UK; UMPK
Summary:	This gene encodes a pyrimidine ribonucleoside kinase. The encoded protein (EC 2.7.1.48) catalyzes phosphorylation of uridine and cytidine to uridine monophosphate (UMP) and cytidine monophosphate (CMP), respectively.[provided by RefSeq, Oct 2010]
Protein Families:	Druggable Genome
Protein Pathways:	Drug metabolism - other enzymes, Metabolic pathways, Pyrimidine metabolism

Product images:



Coomassie blue staining of purified UCK2 protein (Cat# TP302406). The protein was produced from HEK293T cells transfected with UCK2 cDNA clone (Cat# [RC202406]) using MegaTran 2.0 (Cat# [TT210002]).