Recombinant Human UCK2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. UCK2-776H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	UCK2 MS Standard C13 and N15-labeled recombinant protein (NP_036606) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	29.3 kDa
AA Sequence	MAGDSEQTLQNHQQPNGGEPFLIGVSGGTASGKSSVCAKIVQLLGQNEVDYRQKQ VVILSQDSFYRVLTSEQKAKALKGQFNFDHPDAFDNELILKTLKEITEGKTVQIPVYDF VSHSRKEETVTVYPADVVLFEGILAFYSQEVRDLFQMKLFVDTDADTRLSRRVLRDIS ERGRDLEQILSQYITFVKPAFEEFCLPTKKYADVIIPRGADNLVAINLIVQHIQDILNGG PSKRQTNGCLNGYTPSRKRQASESSSRPHTRTRPLEQKLISEEDLAANDILDYKDDD DKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.

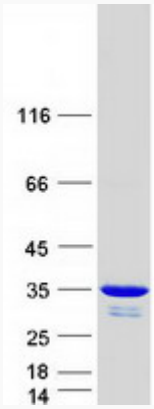
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Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	UCK2 uridine-cytidine kinase 2 [Homo sapiens (human)]
Official Symbol	UCK2
Synonyms	UCK2; uridine-cytidine kinase 2; UMPK, uridine monophosphate kinase; uridine kinase; uridine monophosphokinase 2; cytidine monophosphokinase 2; uridine monophosphate kinase; testis-specific protein TSA903; UK; UMPK; TSA903; DKFZp686M04245;
Gene ID	7371
mRNA Refseq	NM_012474
Protein Refseq	NP_036606
MIM	609329
UniProt ID	Q9BZX2

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SDS-PAGE	

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