

Recombinant Full Length Human UCK2 Protein, C-Flag-tagged

Cat. No. UCK2-1663HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human UCK2 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	29.1 kDa
AA Sequence	MAGDSEQTLQNHQQPNGGEPFLIGVSGGTASGKSSVCAKIVQLLGQNEVDYRQKQ VVILSQDSFYRVLTS EQKAKALKGQFNFDHPDAFDNELILKTLKEITEGKTVQIPVYD FVSHSRKEETVTVPADVVLFEGLAF YSQEVRDLFQMKLFVDTADTRLSSRRVLRD ISERGRDLEQILSQYITFVKPAFEEFCLPTKKYADVIIPR GADNLVAINLIVQHIQDILNGGPSKRQTNGCLNGYTPSRKRQASESSSRPHTRTRPL EQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and

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	handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome
Protein Pathways	Drug metabolism - other enzymes, Metabolic pathways, Pyrimidine metabolism
Full Length	Full L.

GENE INFORMATION

Gene Name	UCK2 uridine-cytidine kinase 2 [Homo sapiens (human)]
Official Symbol	UCK2
Synonyms	UK; UMPK; TSA903
Gene ID	7371
mRNA Refseq	NM_012474.5
Protein Refseq	NP_036606.2
MIM	609329

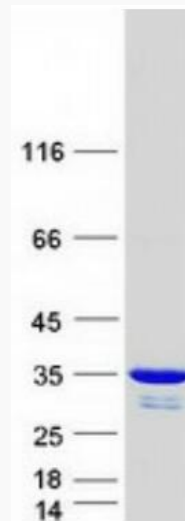
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UniProt ID

Q9BZX2



Coomassie blue staining of purified UCK2 protein.

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