

Recombinant Human UCK1 Protein, MYC/DDK-tagged

Cat. No. UCK1-2337H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant protein of human uridine-cytidine kinase 1 (UCK1) was expressed in human HEK293 cell with C-terminal MYC/DDK.
Species	Human
Source	HEK293
Description	This gene encodes a uridine-cytidine kinase that catalyzes the phosphorylation of uridine and cytidine to uridine monophosphate (UMP) and cytidine monophosphate (CMP) but not the phosphorylation of deoxyribonucleosides or purine ribonucleosides. This enzyme can also phosphorylate uridine and cytidine analogs and uses both ATP and GTP as a phosphate donor. Alternative splicing results in multiple splice variants encoding distinct isoforms.
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	31.3 kDa
Purity	> 80%
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name	UCK1 uridine-cytidine kinase 1 [Homo sapiens (human)]
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Official Symbol	UCK1
Synonyms	URK1; UCK1
Gene ID	83549
mRNA Refseq	NM_031432.3
Protein Refseq	NP_113620
MIM	609328
UniProt ID	Q9HA47

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