



Recombinant Human Uridine-cytidine kinase 2 (UCK2)

Product Code	CSB-EP025547HU
Abbreviation	UCK2
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q9BZX2
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	AGDSEQTLQ NHQQPNGGEP FLIGVSGGTA SGKSSVCAKI VQLLGQNEVD YRQKQVVILS QDSFYRVLTSEQKAKALKGQ FNFDHPDAFD NELILKTLKE ITEGKTVQIP VYDFVSHSRK EETVTVPAD VVLFEGILAF YSQEVRDLFQ MKLFVDTDAD TRLSRRVLRD ISERGRDLEQ ILSQYITFVK PAFEEFCLPT KKYADVIIIPR GADNLVAINL IVQHIQDILN GGPSKRQTNG CLNGYTSPSRK RQASESSSRP H
Source	E.coli
Target Names	UCK2
Protein Names	Recommended name: Uridine-cytidine kinase 2 Short name= UCK 2 EC= 2.7.1.48 Alternative name(s): Cytidine monophosphokinase 2 Testis-specific protein TSA903 Uridine monophosphokinase 2
Expression Region	2-261
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Target Details	This protein catalyzes the phosphorylation of uridine monophosphate to uridine diphosphate. This is the first step in the production of the pyrimidine nucleoside triphosphates required for RNA and DNA synthesis. In addition, an allele of this gene may play a role in mediating nonhumoral immunity to Hemophilus influenzae type B.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.



Shelf Life

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