

Product datasheet

Recombinant Human UCK2 protein ab102023

1 Image

Description	
Product name	Recombinant Human UCK2 protein
Purity	> 90 % SDS-PAGE. ab102023 was purified using conventional chromatography techniques.
Expression system	Escherichia coli
Accession	<u>Q9BZX2</u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MAGDSEQTLQNHQQPNNGGEPFLIGVSGGTASGKSSVCA KIQLLGQNEVD YRQKQVVILSQDSFYRVLTSQKAKALKGQFNFDHPDAF DNELILKTLKE ITEGKTQVIPVYDFVSHSRKEETVTVYPADVVLFEGLAFYS QEVRLDFQ MKLFVDTDADTRLRRLRDLISERGRDLEQILSQYITFVKP AFEEFCLPT KKYADVIIIPRGADNLVAINLIVQHIQDILNGGPSKRQTNGCLN GYTPSRK RQASESSSRPHLEHHHHHH
Predicted molecular weight	30 kDa including tags
Amino acids	1 to 261
Tags	His tag C-Terminus

Specifications	
Our <b>Abpromise guarantee</b> covers the use of <b>ab102023</b> in the following tested applications.	
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.	
Applications	SDS-PAGE Mass Spectrometry
Mass spectrometry	MALDI-TOF
Form	Liquid

## Preparation and Storage

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### Stability and Storage

Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

pH: 8.00

Constituents: 0.00174% PMSF, 0.0308% DTT, 0.316% Tris HCl, 0.0292% EDTA, 20% Glycerol (glycerin, glycerine), 0.58% Sodium chloride

## General Info

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### Relevance

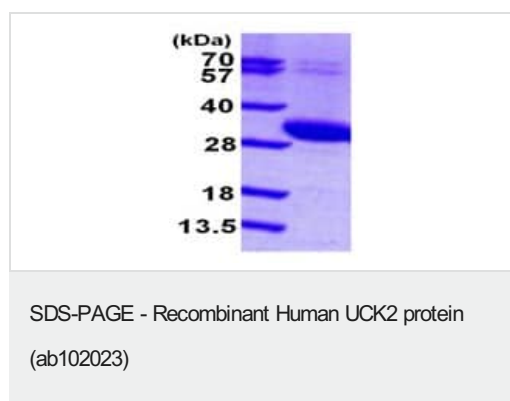
UCK2 phosphorylates uridine and cytidine to uridine monophosphate and cytidine monophosphate. This is the first step in the production of the pyrimidine nucleoside triphosphates required for RNA and DNA synthesis. Does not phosphorylate deoxyribonucleosides or purine ribonucleosides.

### Cellular localization

Cytosol

## Images

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15% SDS-PAGE analysis of 3µg ab102023.

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

## Our Abpromise to you: Quality guaranteed and expert technical support

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- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
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If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

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