

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	Q9BZX2	
Protein length	Full length protein	
Animal free	No	
Nature	Recombinant	
Species	Human	
Sequence	MAGDSEQLQNHQQPNNGGEPFLIGVSGGTASGKSSVCA KIVQLLGQNEVD YRQKQVVILSQDSFYRVLTSEQKAKALKGQFNFDHPDAF DNELILKTLKE ITEGKTVQIPVYDFVSHSRKEETVTVYPADVVLFEFILAFYS QEV RDLFQ MKLFVDTDADTRLSRRVLRDISERGRDLEQILSQYITFVKP AFEEFCLPT KKYADVIIIPRGADNLVAINLIVQHIQDILNGGPSKRQTNGCLN GYTPSRK RQASESSSRPHLEHHHHHH	
Predicted molecular weight	30 kDa including tags	
Amino acids	1 to 261	
Tags	His tag C-Terminus	

Specifications

Our [Abpromise guarantee](#) covers the use of **ab102023** 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

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

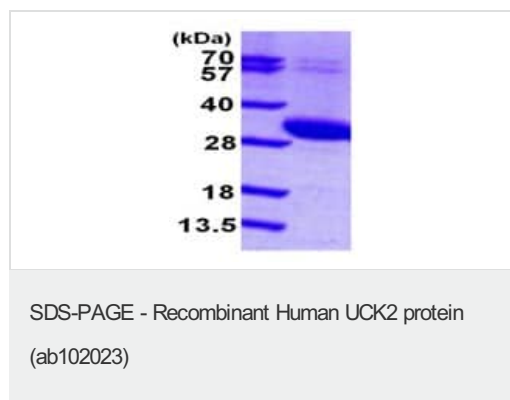
Relevance

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



15% SDS-PAGE analysis of 3µg ab102023.

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

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