Datasheet for ABIN5710592

UCK1 Protein (AA 1-201, Isoform 2) (His-SUMO Tag)

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1 Image

Overview

Quantity:	100 µg
Target:	UCK1
Protein Characteristics:	Isoform 2, AA 1-201
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This UCK1 protein is labelled with His-SUMO Tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	MASAGGEDCE SPAPEADRPH QRPFLIGVSG GTASGKSTVC EKIMELLGQN EVEQRQRKVV ILSQDRFYKV LTAEQKAKAL KGQYNFDHPD AFDNDLMHRT LKNIVEGKTV EVPTYDFVTH SRLPETTVVY PADVVLFEGI LVFYSQEIRD MFHLRLFVDT DSDVRLSRRD KEVCRCDHPT RSGQYGCHQP DRAAHPGHSE W
Purification:	SDS-PAGE
Purity:	> 90 %

Target Details

Target:	UCK1
Alternative Name:	UCK1 (UCK1 Products)
Background:	Phosphorylates uridine and cytidine to uridine monophosphate and cytidine monophosphate.

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Target Details

	Does not phosphorylate deoxyribonucleosides or purine ribonucleosides. Can use ATP or GTP as a phosphate donor. Can also phosphorylate cytidine and uridine nucleoside analogs such as 6-azauridine, 5-fluorouridine, 4-thiouridine, 5-bromouridine, N(4)-acetylcytidine, N(4)-benzoylcytidine, 5-fluorocytidine, 2-thiocytidine, 5-methylcytidine, and N(4)-anisoylcytidine.
Molecular Weight:	38.8 kDa
UniProt:	Q9HA47
Pathways:	Ribonucleoside Biosynthetic Process

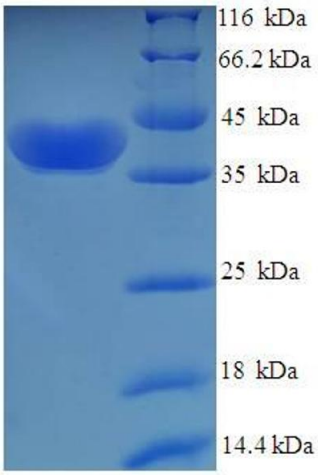
Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.1-2 mg/mL
Buffer:	20 mM Tris-HCl based buffer, pH 8.0
Storage:	-80 °C,4 °C,-20 °C
Storage Comment:	Store at -20°C, for extended storage, conserve at -20°C or -80°C. Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Images



SDS-PAGE

Image 1.

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