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Datasheet for ABIN667281

UCK2 Protein (AA 1-261) (His tag)

1 Image

Overview

Quantity:	100 µg
Target:	UCK2
Protein Characteristics:	AA 1-261
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This UCK2 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Characteristics:	UCK2, 1-261aa, Human, His tag, E.coli
Purity:	> 90 % by SDS - PAGE

Target Details

Target:	UCK2
Alternative Name:	UCK2 (UCK2 Products)
Background:	UCK2 also known as uridine-cytidine kinase 2 is belongs to the uridinekinase family. UCK2 catalyzes the phosphorylation of uridine monophosphate to uridine diphosphate and cytidine monophosphate. It plays a role in the production of 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. Recombinant human UCK2

Target Details

protein, fused to His-tag at C-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. Synonyms: Uridine-cytidine kinase 2, TSA903, UK, UMPK. NCBI no.: NP_036606

Molecular Weight: 30.3kDa (269aa), confirmed by MALDI-TOF

Pathways: [Ribonucleoside Biosynthetic Process](#), [Feeding Behaviour](#)

Application Details

Restrictions: For Research Use only

Handling

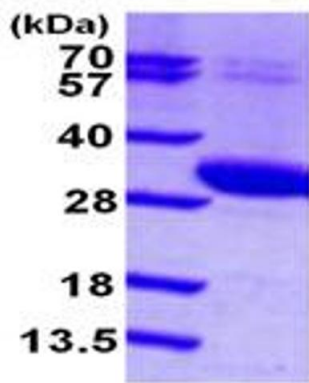
Format: Liquid

Concentration: 1mg/ml (determined by Bradford assay)

Buffer: Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol, 2mM DTT, 100mM NaCl, 0.1mM PMSF, 1mM EDTA

Storage: 4 °C

Images



15% SDS-PAGE (3ug)

SDS-PAGE

Image 1.