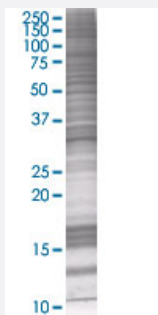


UCK2 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00007371-T01

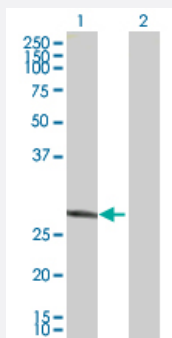
Size 100 uL

Applications



SDS-PAGE Gel

UCK2 transfected lysate.



Western Blot

Lane 1: UCK2 transfected lysate (29.3 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-UCK2 full-length
Host	Human
Theoretical MW (kDa)	29.3
Quality Control Testing	Transient overexpression cell lysate was tested with Anti-UCK2 antibody (H00007371-B01) by Western Blots. SDS-PAGE Gel UCK2 transfected lysate. Western Blot Lane 1: UCK2 transfected lysate (29.3 KDa) Lane 2: Non-transfected lysate.

Storage Buffer

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — UCK2

Entrez GeneID[7371](#)**GeneBank Accession#**[NM_012474.3](#)**Protein Accession#**[P08126](#)**Gene Name**

UCK2

Gene Alias

TSA903, UK, UMPK

Gene Description

uridine-cytidine kinase 2

Omim ID[609329](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

The protein encoded by this gene 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. [provided by RefSeq]

Other Designations

OTTHUMP00000038005|uridine kinase|uridine monophosphate kinase

Pathway

- [Drug metabolism - other enzymes](#)
- [Metabolic pathways](#)
- [Pyrimidine metabolism](#)

Disease

- [Genetic Predisposition to Disease](#)
- [Hypertension](#)
- [Osteoporosis](#)