

## Recombinant Human UCK1, GST-tagged

**Cat. No.** UCK1-3574H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                   |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human UCK1 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.                                                          |
| <b>Species</b>          | Human                                                                                                                                                             |
| <b>Source</b>           | E.coli                                                                                                                                                            |
| <b>ProteinLength</b>    | 1-201aa                                                                                                                                                           |
| <b>Storage</b>          | The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.                                                                         |
| <b>Storage Buffer</b>   | 1M PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8. ) added with 100mM GSH and 1% Triton X-100, 15% glycerol. |

### GENE INFORMATION

|                        |                                                                                                                                  |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | UCK1 uridine-cytidine kinase 1 [ Homo sapiens ]                                                                                  |
| <b>Official Symbol</b> | UCK1                                                                                                                             |
| <b>Synonyms</b>        | UCK1; uridine-cytidine kinase 1; FLJ12255; URK1; UCK 1; uridine monophosphokinase 1; cytidine monophosphokinase 1; RP11-334J6.5; |
| <b>Gene ID</b>         | 83549                                                                                                                            |

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|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>mRNA Refseq</b>         | <a href="#">NM_001135954</a>                                                                                                                                                                                                                                    |
| <b>Protein Refseq</b>      | <a href="#">NP_001129426</a>                                                                                                                                                                                                                                    |
| <b>MIM</b>                 | <a href="#">609328</a>                                                                                                                                                                                                                                          |
| <b>UniProt ID</b>          | <a href="#">Q9HA47</a>                                                                                                                                                                                                                                          |
| <b>Chromosome Location</b> | 9q34.1                                                                                                                                                                                                                                                          |
| <b>Pathway</b>             | Drug metabolism - other enzymes, organism-specific biosystem; Drug metabolism - other enzymes, conserved biosystem; Fluoropyrimidine Activity, organism-specific biosystem; Metabolic pathways, organism-specific biosystem; Metabolism, organism-specific bios |
| <b>Function</b>            | ATP binding; kinase activity; nucleoside kinase activity; nucleotide binding; phosphotransferase activity, alcohol group as acceptor; transferase activity; uridine kinase activity;                                                                            |

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