

Full-Length

# UCKL1 (Human) Recombinant Protein (P01)

Catalog # H00054963-P01

Size 50 ug

## Specification

|                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Description           | Human UCKL1 full-length ORF (BAA91230.1, 1 a.a. - 548 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Sequence                      | MAAPPARADADPSPTSPPTARDTPGRQAEKSETACEDRSNAESLDRLPPVGTGRSPRKRTTS<br>QCKSEPPLLRTSKRTIYTAGRPPWYNEHGTQSKEAFAIGLGGGSASGKTTVARMIEALDVPWVVL<br>LSMDSFYKVLTEQQQEAAHNNFNFDHPDAFDFDLIISTLKKLKQGKSVKVPYDFTTHSRKKDW<br>KTLYGANVIFEGIMAFADKTLLELLDMKIFVDTSDIRLVRRRLRRDISERGRDIEGVIKQYNKFVKPS<br>FDQYIQPTMRLADIVPRGSGNTVAINLVQHVSQLEERELSVRAALASAHQCHPLPRTL SVLKST<br>PQVRGMHTIIRDKETS RDEFIFYSKRLMRLIEHALSFLPFQDCVVQTPQGQDYAGKCYAGKQITGV<br>SILRAGETMEPALRAVCKDVRIQTNL TGEPELHYLRPKDISDDHVILMDCTVSTGAAAMMA<br>VRVLLDHDVPEDKIFLLSLLMAEMGVHSVAYAFPRVRIITAVDKRVNDLFRIPGIGNFGDRYFGTD<br>AVPDGSDEEEVAYTG |
| Host                          | Wheat Germ (in vitro)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Theoretical MW (kDa)          | 87.5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Interspecies Antigen Sequence | Mouse (93); Rat (92)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Preparation Method            | <a href="#">in vitro wheat germ expression system</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Purification                  | Glutathione Sepharose 4 Fast Flow                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Storage Buffer                | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Storage Instruction           | Store at -80°C. Aliquot to avoid repeated freezing and thawing.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Note                          | Best use within three months from the date of receipt of this protein.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |

## Applications

- Enzyme-linked Immunoabsorbent Assay

- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

## Gene Info — UCKL1

**Entrez GeneID** [54963](#)

**GeneBank Accession#** [AK000524.1](#)

**Protein Accession#** [BAA91230.1](#)

**Gene Name** UCKL1

**Gene Alias** UCK1-LIKE, UCK1L, URKL1

**Gene Description** uridine-cytidine kinase 1-like 1

**Omim ID** [610866](#)

**Gene Ontology** [Hyperlink](#)

**Other Designations** OTTHUMP00000031603|uridine kinase-like 1

## Pathway

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