

## Recombinant Human UMOD Protein, His-tagged

**Cat. No.** UMOD-6542H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                     |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human UMOD Protein(287-587 aa), fused with N-terminal His tag, was expressed in E. coli.                                                                                                                                                                                                                                |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                               |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                              |
| <b>ProteinLength</b>    | 287-587 aa                                                                                                                                                                                                                                                                                                                          |
| <b>Form</b>             | The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.                                                 |
| <b>Storage</b>          | Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.                                                                                      |
| <b>AA Sequence</b>      | QCKQDFNITDISLLEHRLECGANDMKVSLGKCQLKSLGFDKVFMYLSDSRCSGFND<br>RDNRDWVSVVTPARDGPCGTVLTRNETHATYSNTLYLADEIIIRDNIKINFACSYPLD<br>MKVSLKTALQPMVSALNIRVGGTGMFTVRMALFQTPSYTQPYQGSSVTLSTEAFLY<br>VGTMLDGGDLRSRFALLMTNICYATPSSNATDPLKYFIIQDRCPHTRDSTIQVVENGES<br>SQGRFSVQMFRFAGNYDLVYLHCEVYLCDTMNEKCKPTCSGTRFRSGSVIDQSRV<br>LNLGPITRKG VQATVSRA |
| <b>Purity</b>           | 85%, by SDS-PAGE with Coomassie Brilliant Blue staining.                                                                                                                                                                                                                                                                            |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

## GENE INFORMATION

**Official Symbol** [UMOD](#)

**Synonyms**

UMOD; uromodulin; uromodulin (uromucoid, Tamm Horsfall glycoprotein); Tamm Horsfall glycoprotein; uromucoid; Tamm-Horsfall glycoprotein; tamm-Horsfall urinary glycoprotein; uromodulin (uromucoid, Tamm-Horsfall glycoprotein); THP; FJHN; HNFJ; THGP; HNFJ1; MCKD2; ADMCKD2;

**Gene ID** [7369](#)

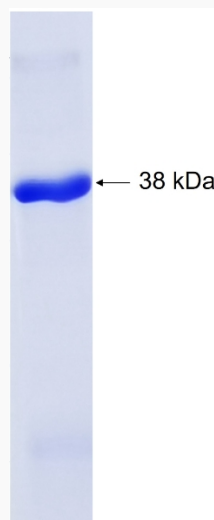
**mRNA Refseq** [NM\\_001008389](#)

**Protein Refseq** [NP\\_001008390](#)

**MIM** [191845](#)

**UniProt ID** [P07911](#)

**SDS-PAGE**



 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA