

# Human UMOD Recombinant Protein



RPPB2510

---

## Product Information    Protein Information

**Product SKU:**

RPPB2510

**Accession:**

P07911

**Host:**

Human Urine.

**Protein description:**

Uromodulin Human Native protein produced from Human Urine, is a glycosylated polypeptide chain containing 590 amino acids, having a total Mw of 64.25 kDa (excluding glycosylation).

**Appearance:**

Filtered White lyophilized (freeze-dried) powder.

**Synonyms:**

Tamm-Horsfall urinary glycoprotein, THP, FJHN, HNFJ, THGP, MCKD2, ADMCKD2, UMOD, Uromodulin.

**Formulation:**

The UMOD protein was lyophilized from 0.4µm filtered solution at a concentration of 0.6mg/ml containing deionized water.

**Purity:**

Greater than 95.0% as determined by SDS-PAGE.

**Solubility:**

Add deionized water to prepare a working stock solution of approximately 0.5mg/mL and let the lyophilized pellet dissolve completely. Product is not sterile! Please filter the product by an appropriate sterile filter before using it in the cell culture.

**Stability:**

Lyophilized UMOD although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution UMOD should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

**Amino Acid Sequence:**

DTSEARWCSE CHSNATCTED EAVTTCTCQE GFTGDGLTCV DLDECAIPGA HNCSANSSCV NTPGSFSCVC  
PEGFRLSPGL GCTDVDECAE PGLSHCHALA TCNVVGSYL CVCPAGYRGD GWHCECSPGS CGPGLDCVPE  
GDALVCADPC QAHRTLDEYW RSTEYEGEYA CDTDLRGWYR FVGQGGARMA ETCVPVLRN TAAPMWLNLT  
HPSSDEGIVS RKACAHWSGH CCLWDASVQV KACAGGYVYV NLTAPPECHL AYCTDPSSVE GTCEESIDE  
DCKSNNGRWH CQCKQDFNIT DISLLEHRL ECGANDMKVSL GKCQLKSLGF DKVFMVLSDS RCGFNDRDN  
RDWVSVVTPA RDGPCGTVLT RNETHATYSN TLYLADEIII RDLNIKINFA CSYPLDMKVS LKTALQPMVS  
ALNIRVGGTG MFTVRMADFQ TPSYTQPYQG SSVTLSTEAF LYVGTMLDGG DLSRFALLMT NCYATPSSNA  
TDPLKYFIQ DRCPHTRDST IQVVENGESS QGRFSVQMFR FAGNYDLVYL HCEVYLCDTM NEKCKPTCSG  
TRFRSGSVID QSRVNLNGPI TRKGVQATVS.