ANGIO-PROTEOMIE
HIGH QUALITY REAGENTS FOR LIFE SCIENCES

DATA SHEET

Uromodulin Human

Item Number	rAP-2108
Synonyms	Tamm-Horsfall urinary glycoprotein, THP, FJHN, HNFJ, THGP, MCKD2, ADMCKD2, UMOD, Uromodulin.
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).
Uniprot Accesion Number	P07911
Amino Acid Sequence	DTSEARWCSE CHSNATCTED EAVTTCTCQE GFTGDGLTCV DLDECAIPGA HNCSANSSCV NTPGSFSCVC PEGFRLSPGL GCTDVDECAE PGLSHCHALA TCVNVVGSYL CVCPAGYRGD GWHCECSPGS CGPGLDCVPE GDALVCADPC QAHRTLDEYW RSTEYGEGYA CDTDLRGWYR FVGQGGARMA ETCVPVLRCN TAAPMWLNGT HPSSDEGIVS RKACAHWSGH CCLWDASVQV KACAGGYYVY NLTAPPECHL AYCTDPSSVE GTCEECSIDE DCKSNNGRWH CQCKQDFNIT DISLLEHRLE CGANDMKVSL GKCQLKSLGF DKVFMYLSDS RCSGFNDRDN RDWVSVVTPA RDGPCGTVLT
Source	Human Urine.
Physical Appearance and Stability	Filtered White lyophilized (freeze-dried) powder. 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.
Formulation and Purity	The UMOD protein was lyophilized from 0.4μm filtered solution at a concentration of 0.6mg/ml containing deionized water. Greater than 95.0% as determined by SDS-PAGE.
Application	
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.
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for Research Use Only

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