

## Uromodulin Feline

<b>Item Number</b>	rAP-2109
<b>Synonyms</b>	Tamm-Horsfall urinary glycoprotein, THP, FJHN, HNFJ, THGP, MCKD2, ADMCKD2, UMOD, Uromodulin.
<b>Description</b>	Feline Uromodulin is a 95kDa glycoprotein which is produced in the thick ascending limb of Henle's loop and early distal convoluted tubules of the nephron.
<b>Uniprot Accession Number</b>	M3W230
<b>Amino Acid Sequence</b>	
<b>Source</b>	Feline Urine.
<b>Physical Appearance and Stability</b>	Filtered White lyophilized (freeze-dried) powder. Store lyophilized protein at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted protein can be stored at 4°C for a limited period of time; it does not show any change after two weeks at 4°C.
<b>Formulation and Purity</b>	The UMOD protein was lyophilized from 0.4µm filtered solution at a concentration of 0.5mg/ml containing deionized water. Greater than 95% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	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.
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	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**