

RPPB2511

Product Information Protein Information

Product SKU:

RPPB2511

Accession:

Q862Z3

Host:

Canine Urine.

Protein description:

UMOD is an 85-kDa glycoprotein which is produced in the thick ascending limb of Henle's loop and early distal convoluted tubules of the nephron.

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 0.1mg/ml containing deionized water.

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:

RSCSECHSNA TCMEDGMVTT CSCLVGFTGS GFECVDLDEC AIPGAHNCSE GSSCMNTLGS YLCTCPDGFR
LTPGLGIDV DECSEPLSR CHALATCINN KGNYSVCVPA GYRGDQHQCE CSPGSCGPG DCVPVGDALV
CADPCQEHRI LDEYWRSTEY GAGYTCDVGL NGWYRFTGPG GVRLAETCVP VLHCNTAAPM WLNGLHPTRD
QGIVNRTACA HWRGHCCLWD ASIQVKACAG GYYVYNTTET PECYLAYCTD PTSVLGTCEE CSVEEDCKSH
DGMWSCQCKQ DFNVTDLFLL DRLECRPNDI KVSLSKCQLK SLGFVKVFMV LRDSQCSGFN ERGDRDWVSV
VTPARDGPCG TVMVRNETHA TYSNTLYLAD EIVIRDRNIK INFECYPLD MKVSLETSLQ PIVSSLNISV
GGTGMFTVRM ALFQTPDYTQ PYQGSSVTLT TEAFLYVGTM LDGGDLRFSA LLMTNCYATP SSNATDPLKY
FIIQDRCPRT TDSTIQVVEN GESPQGRFSV QMFRFAGNYD LVYLHCEVYL CDIINEKCKP TCSGTRFRSG
GIIDQSRVLN LGPITRKNVQ AVVSRAASS.