

PRODUCT DATA SHEET

Uromodulin Human HEK293

Cat. No.: RD175163100-HEK

Size: 0.1 mg

Source: HEK293

Type: Recombinant protein

Species: Human

Other Names:

Tamm-Horsfall urinary glycoprotein, THP, UMOD

Description:

Total 595 AA. MW: 65 kDa (calculated). UniProtKB acc. no. P07911 (Asp25-Val613). N-terminal His-tag (6 extra AA). Protein identity confirmed by LC-MS/MS.

Amino Acid Sequence:

DTSEARWCSE	CHSNATCTED	EAVTTCTCQE	GFTGDGLTCV	DLDECAIPGA	HNCSANSSCV
NTPGSFSCVC	PEGFRLSPGL	GCTDVDECAE	PGLSHCHALA	TCVNVVGSYL	CVCPAGYRGD
GWHCECSPGS	CGPGLDCVPE	GDALVCADPC	QAHRTLDEYW	RSTEYGEGYA	CDTDLRGWYR
FVGQGGARMA	ETCVPVLRN	TAAPMWLNGT	HPSSDEGIVS	RKACAHWSGH	CCLWDASVQV
KACAGGYVYV	NLTAPPECHL	AYCTDPSSVE	GTCEECSIDE	DCKSNNGRWH	CQCKQDFNIT
DISLLEHRLE	CGANDMKVSL	GKCQLKSLGF	DKVFMVLSDS	RCSGFNDRDN	RDWVSVVTPA
RDGPCGTVLT	RNETHATYSN	TLYLADEIII	RDLNIKINFA	CSYPLDMKVS	LKTALQPMVS
ALNIRVGGTG	MFTVRMALFQ	TPSYTQPYQG	SSVTLSTEAF	LYVGTMLDGG	DLSRFALLMT
NCYATPSSNA	TDPLKYFIIQ	DRCPHTRDST	IQVVENGESS	QGRFSVQMFR	FAGNYDLVYL
HCEVYLCDTM	NEKCKPTCSG	TRFRSGSVID	QSRVNLGPI	TRKGVQATVH	HHHHH

Purity:

> 90 % by SDS-PAGE

Endotoxin:

< 1.0 EU/μg

Formulation:

Filtered (0.4 μm) and lyophilized in 20mM TRIS, 50mM NaCl, pH 7.5

Reconstitution:

Add deionized water to prepare a working stock solution of approximately 0.5 mg/mL and let the lyophilized pellet dissolve completely.

Shipping:

At ambient temperature. Upon receipt, store the product at the temperature recommended below.

Storage/Stability:

Store the lyophilized protein at -80 °C. Lyophilized protein remains stable until the expiry date when stored at -80 °C. Aliquot reconstituted protein to avoid repeated freezing/thawing cycles and store at -80 °C for long term storage. Reconstituted protein can be stored at 4 °C for a week.

Quality Control:

BCA to determine quantity of the protein.

SDS PAGE to determine purity of the protein.

Endotoxin level determination.

Note:

This product is intended for research use only.