

## Product datasheet for **TP323168**

### Uroplakin II (UPK2) (NM\_006760) Human Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human uroplakin 2 (UPK2), 20 µg

**Species:** Human

**Expression Host:** HEK293T

**Expression cDNA Clone  
or AA Sequence:** >RC223168 protein sequence  
**Red**=Cloning site **Green**=Tags(s)

MAPLLPIRTLPLILILLALLSPGAADFNISLSGLLSPALTESLLVALPPCHLTGGNATLMVRRANDSKV  
VTSSFVPPCRGRRELVSVDGAGFTVTRLSAYQVTNLVPGTKFYISYLVKKGATESSREIPMSTLPR  
RNMESIGLGMARTGGMVVITVLLSVAMFLLVLGFIALALGSRK

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

**Tag:** C-Myc/DDK

**Predicted MW:** 16.8 kDa

**Concentration:** >0.05 µg/µL as determined by microplate BCA method

**Purity:** > 80% as determined by SDS-PAGE and Coomassie blue staining

**Buffer:** 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

**Preparation:** Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

**Note:** For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

**Storage:** Store at -80°C.

**Stability:** Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

**RefSeq:** [NP\\_006751](#)

**Locus ID:** 7379

**UniProt ID:** [O00526](#)

**RefSeq Size:** 947



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Cytogenetics: 11q23.3

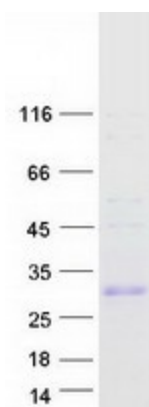
RefSeq ORF: 552

Synonyms: UP2; UPII

**Summary:** This gene encodes one of the proteins of the highly conserved urothelium-specific integral membrane proteins of the asymmetric unit membrane which forms urothelium apical plaques in mammals. The asymmetric unit membrane is believed to strengthen the urothelium by preventing cell rupture during bladder distention. The encoded protein is expressed in the peripheral blood of bladder cancer patients with transitional cell carcinomas. [provided by RefSeq, Sep 2009]

**Protein Families:** Transmembrane

### Product images:



Coomassie blue staining of purified UPK2 protein (Cat# TP323168). The protein was produced from HEK293T cells transfected with UPK2 cDNA clone (Cat# [RC223168]) using MegaTran 2.0 (Cat# [TT210002]).