

Product datasheet for **TP323168M**

Uroplakin II (UPK2) (NM_006760) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human uroplakin 2 (UPK2), 100 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

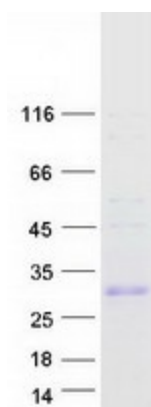
RefSeq ORF: 552

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]).