

# Product Information

## MemDX™ Membrane Protein Human UPK2 (Uroplakin 2)

Cat. No.: **MP0261J**

This product is for research use only and is not intended for diagnostic use.

This product is a 16.8 kDa Human UPK2 membrane protein expressed in HEK293T. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

### Product Specifications

#### Host Species

Human

#### Target Protein

UPK2

#### Protein Length

Full-length

#### Protein Class

Transmembrane

#### Molecular Weight

16.8 kDa

#### TMD

1

#### Sequence

MAPLLPIRTLPLILILLALLSPGAADFNISLSGLLSPALTESLLVALPPCHLTGGNATLMVRRANDSKV  
VTSSFVVPPCRGRRELVSVDGAGFTVTRL SAYQVTNLVPGTKFYISYLVKKGTATESSREIPMSTLPR  
RNMESIGLGMARTGGMVVITVLLSVAMFLLVLGFIIALALGSRK

### Product Description

#### Expression Systems

HEK293T

#### Tag

C-Myc/DDK

#### Form

Liquid

#### Purification

Anti-DDK affinity column followed by conventional chromatography steps

**Purity**

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

**Buffer**

25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol

**Storage**

Store at +4°C for up to one week or several months at -80°C

**Target****Target Protein**

UPK2

**Full Name**

Uroplakin 2

**Introduction**

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.

**Alternative Names**

UP2; UPII

**Gene ID**

[7379](#)

**UniProt ID**

[Q00526](#)