

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

MAPLLPIRTLPLILILLALLSPGAADFNISLSPALTESLLVALPPCHLTGGNATLMVRANDSKV
VTSSFVVPPCGRRELVSVDGAGFTVTRLSAYQVTNLVPGTKFYISYLVKKGTATESSREIPMSTLPR
RNMESIGLGMARTGGMVITVLLSVAMFLLVLGFIIALALGSRK

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

[O00526](#)