

Product Information

MemDX™ Membrane Protein Human UPK1A (Uroplakin 1A) Full Length

Cat. No.: **MPC1630K**

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

This product is a 28.8 kDa Human UPK1A membrane protein expressed in HEK293. 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

UPK1A

Protein Length

Full length

Protein Class

Transporter

Molecular Weight

28.8 kDa

TMD

4

Sequence

MASAAAAEAEKGGSPVVVGLLVVGNIIILLSGLSLFAETIWVTADQYRVYP
LMGVSGKDDVFAGAWIAIFCGFSFFMVASFGVGAALCRRRSMVLTYLVLML
LIVYIFECASCITSYTHRDYMVSNPSLITKQMLTFYSADTDQGQELTRLW
DRVMIEQECCGTSGPMDWVNFTSAFRAATPEVVFPWPPLCCRRTGNFIPL
NEEGCRLGHMDYLFKGC FEHIGHAIDSYTWGISWFGFAILMWTLPVMLI
AMYFYTML

Product Description

Expression Systems

HEK293

Tag

Based on specific requirements

Protein Format

Detergent or based on specific requirements

Form

Liquid

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -70°C or lower. Avoid freeze/thaw cycles.

Target**Target Protein**

UPK1A

Full Name

Uroplakin 1A

Introduction

The protein encoded by this gene is a member of the transmembrane 4 superfamily, also known as the tetraspanin family. Most of these members are cell-surface proteins that are characterized by the presence of four hydrophobic domains. The proteins mediate signal transduction events that play a role in the regulation of cell development, activation, growth and motility. This encoded protein is found in the asymmetrical unit membrane (AUM) where it can complex with other transmembrane 4 superfamily proteins. It may play a role in normal bladder epithelial physiology, possibly in regulating membrane permeability of superficial umbrella cells or in stabilizing the apical membrane through AUM/cytoskeletal interactions. The protein may also play a role in tumor suppression. Alternative splicing results in multiple transcript variants of this gene.

Alternative Names

UPK1A; UP1A; UPIA; UPKA; TSPAN21; uroplakin-1a; tetraspanin-21; tspan-21; uroplakin Ia; Uroplakin 1A

Gene ID

[11045](#)

UniProt ID

[Q00322](#)