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Datasheet for ABIN7319162

**Uroplakin 2 Protein (UPK2) (His tag)**

## Overview

Quantity:	50 µg
Target:	Uroplakin 2 (UPK2)
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Uroplakin 2 protein is labelled with His tag.

## Product Details

Purpose:	Recombinant Human Uroplakin-2/UPK2 Protein (His Tag)
Sequence:	Asp26-Gly155
Characteristics:	Recombinant Human Uroplakin-2 is produced by our Mammalian expression system and the target gene encoding Asp26-Gly155 is expressed with a 6His tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

## Target Details

Target:	Uroplakin 2 (UPK2)
Alternative Name:	Uroplakin-2/UPK2 ( <a href="#">UPK2 Products</a> )
Background:	Background: Uroplakin-2 is a single-pass type I membrane protein that belongs to the uroplakin-2 family. Uroplakin-2 is a component of the asymmetric unit membrane (AUM) and expressed in the ureter, a highly specialized biomembrane elaborated by terminally differentiated urothelial

## Target Details

cells. Uroplakin-2 forms heterodimer with UPK1A that is necessary for exiting out of the endoplasmic reticulum (ER). Uroplakin-2 may play an important role in regulating the assembly of the AUM. AUM is believed to strengthen the urothelium by preventing cell rupture during bladder distention.

Synonym: Uroplakin-2, UP2, Uroplakin II, UPII, UPK2

Molecular Weight: 14.8 kDa

UniProt: [O00526](#)

## Application Details

Restrictions: For Research Use only

## Handling

Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.4.

Storage: 4 °C, -20 °C, -80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.