

AR50727PU-S**Human Uroplakin-2 (UPK2) (26-155, His-tag) - Purified****Alternate names:**

UP2, UPII, Uroplakin II

Quantity:

0.1 mg

Concentration:

1 mg/ml (determined by Bradford assay)

Background:

UPK2 is one of the proteins of the highly 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. This protein is expressed in the peripheral blood of bladder cancer patients with transitional cell carcinomas.

Uniprot ID:[O00526](#)**NCBI:**[NP_006751.1](#)**GeneID:**[7379](#)**Species:**

Human

Source:

E. coli

Format:**State:** Liquid purified protein**Purity:** >95% by SDS - PAGE**Buffer System:** 20 mM Tris-HCl buffer (pH 8.0) containing 2M UREA, 10% glycerol**Description:**

Recombinant human UPK2 protein, fused to His-tag at N-terminus, was expressed in E.coli.

AA Sequence:

MGSSHHHHHH SGLVPRGSH MGSDFNISL SGLLSPALTE SLLVALPPCH LTGGNATLMV
RRANDSKVVT SSFVVPPCRG RRELVSVDV GAGFTVTRLA AYQVTNLVPG TKFYISYLVK
KGTATESSRE IPMSTLPRRN MESIGLGMAR TGG

Molecular weight: 16.2 kDa (153aa)**Storage:**

Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer.

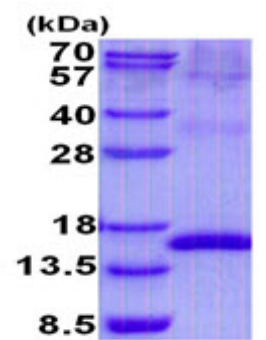
Avoid repeated freezing and thawing.

Shelf life: one year from despatch.

General Readings:

Jenkins,D., et al. (2006) Nephrol. Dial. Transplant. 21 (12), 3415-3421

Pictures:



15% SDS-PAGE (3ug)