

## Product datasheet for **AR50727PU-N**

### Uroplakin-2 (UPK2) (26-155, His-tag) Human Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Uroplakin-2 (UPK2) (26-155, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSDFNISL SGLLSPALTE SLLVALPPCH LTGGNATLMV RRANDSKVVT SSFVVPPCR G RRELVSVD S GAGFTVTRLS AYQVTNLVPG TKFYISYLVK KGTATESSRE IPMSTLPRRN MESIGLGMAR TGG
Tag:	His-tag
Predicted MW:	16.2 kDa
Concentration:	lot specific
Purity:	>95% by SDS - PAGE
Buffer:	Presentation State: This purified protein is available in a denatured form, making it less suitable for functional studies. Denatured proteins are better suited for applications like Western Blot (WB) or imaging assays. State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 2M UREA, 10% glycerol
Preparation:	Liquid purified protein
Protein Description:	Recombinant human UPK2 protein, fused to His-tag at N-terminus, was expressed in E.coli.
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.
Stability:	Shelf life: one year from despatch.
RefSeq:	<a href="#">NP_006751</a>
Locus ID:	7379
UniProt ID:	<a href="#">O00526</a>
Cytogenetics:	11q23.3
Synonyms:	UP2, Uroplakin II, UPII



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**Summary:**

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. [provided by RefSeq, Sep 2009]

**Protein Families:**

Transmembrane

**Product images:**