

Product datasheet for **TP323168L**

Uroplakin II (UPK2) (NM_006760) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human uroplakin 2 (UPK2), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC223168 protein sequence Red =Cloning site Green =Tags(s)
	MAPLLPIRTLPLILILLALLSPGAADFNISLSGLLSPALTESLLVALPPCHLTGGNATLMVRRANDSKV VTSSFVPPCRGRRELVSVDGAGFTVTRLSAYQVTNLVPGTKFYISYLVKKGATESSREIPMSTLPR RNMESIGLGMARTGGMVVITVLLSVAMFLLVLGFIALALGSRK
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	16.8 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_006751
Locus ID:	7379
UniProt ID:	O00526
RefSeq Size:	947



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Cytogenetics: 11q23.3

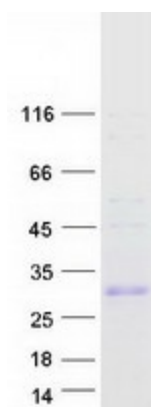
RefSeq ORF: 552

Synonyms: UP2; UPII

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:



Coomassie blue staining of purified UPK2 protein (Cat# [TP323168]). The protein was produced from HEK293T cells transfected with UPK2 cDNA clone (Cat# [RC223168]) using MegaTran 2.0 (Cat# [TT210002]).