

Product datasheet for **RC223168L3V**

Uroplakin II (UPK2) (NM_006760) Human Tagged ORF Clone Lentiviral Particle

Product data:

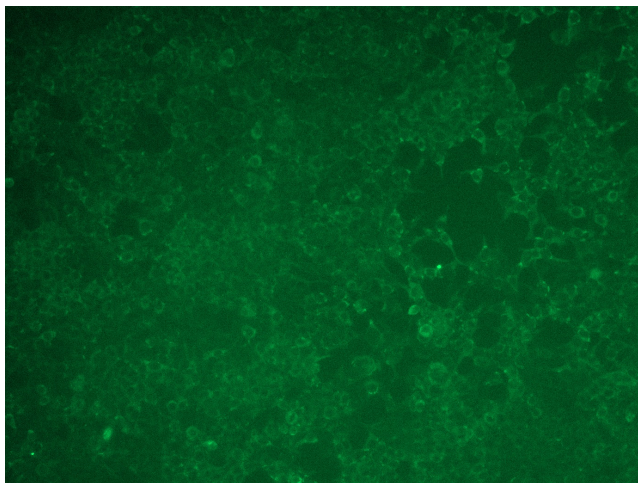
Product Type:	Lentiviral Particles
Product Name:	Uroplakin II (UPK2) (NM_006760) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Uroplakin II
Synonyms:	UP2; UPII
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_006760
ORF Size:	552 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC223168).
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	NM_006760.1
RefSeq Size:	947 bp
RefSeq ORF:	555 bp
Locus ID:	7379
UniProt ID:	O00526
Cytogenetics:	11q23.3
Protein Families:	Transmembrane
MW:	19.4 kDa



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Gene 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]

Product images:

[RC223168L3] was used to prepare Lentiviral particles using [TR30037] packaging kit. HEK293T cells were transduced with RC223168L3V particle to overexpress human UPK2-Myc-DDK fusion protein.