

Product datasheet for **RC223168L4V**

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

Product data:

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|---------------------------|--|
| 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-mGFP-P2A-Puro (PS100093) |
| Tag: | mGFP |
| 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]