

Product datasheet for **SC328257**

Uroplakin III (UPK3A) (NM_001167574) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Uroplakin III (UPK3A) (NM_001167574) Human Untagged Clone
Tag:	Tag Free
Symbol:	Uroplakin III
Synonyms:	UP3A; UPIII; UPIIIA; UPK3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001167574
Insert Size:	501 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_001167574.1



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RefSeq Size: 693 bp

RefSeq ORF: 501 bp

Locus ID: 7380

UniProt ID: [O75631](#)

Cytogenetics: 22q13.31

Protein Families: Transmembrane

MW: 17.7 kDa

Gene Summary: This gene encodes a member of the uroplakin family, a group of transmembrane proteins that form complexes on the apical surface of the bladder epithelium. Mutations in this gene may be associated with renal adysplasia. Alternatively spliced transcript variants have been described.[provided by RefSeq, Nov 2009]
Transcript Variant: This variant (2) lacks two in-frame exons in the coding region, compared to variant 1. This results in a shorter protein (isoform 2), compared to isoform 1.