

## Product datasheet for SC122296

### Uroplakin Ia (UPK1A) (BC007817) Human Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Uroplakin Ia (UPK1A) (BC007817) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** UPK1A  
**Vector:** pCMV6-XL5  
**E. coli Selection:** Ampicillin (100 ug/mL)  
**Cell Selection:** None  
**Fully Sequenced ORF:** >OriGene sequence for BC007817 edited

```
GGCAGGAGGGTAGGACGTGATGCAGGAGGCGCACTCGAAGATGTAGACGATGAGCATGAG  
CACCAGTGTCCCATCCCCAACCCCTGGAGTCTCACCCTGAGGACCATGGACCGGCGGG  
GGCAGAGTGCAGCACCCACACAAAAGTGGCTACCATGAAGAAGGAGAAGCCGCAGAAGA  
TGGCAATCCAGGCACCAGCGAAGACGTCATCCTTGCTGAGACTCCCATCAGTGGGTATA  
CACGGTACTGGTGGCTGTACCCATATGGTCTCAGCAAACAGGGACAGGCCTGACAGCT  
GGACAGAGCGGTGGGTTAGGAAGGTCTGCTCGGGGCCAGCAGCCCTGGCACCAGGCATCT  
CCACGAGCAAGTCCCTCCCATTTGGAGCCTCCACTGCCCTCTCAGTAAAGTGGGCAAA  
GACCTCGCCTTCCATGAGCAGCGATGAGGGTGAGCAGAGGCCAGGAGAGAAGAGACAGCC  
CAGCCAGACAACCGACCCACGCCCCAGCTGCCAGTTTCTTCGGGGATAAAAAGGGGATG  
CCACGTGGAAGGCTGGAGCAGTGGACTGGCACAGAGGAGATGCTTGGTCCATCTGCCCT  
CCCTTGACAGTGTGTTATTCCTCGAGGAGGGGAACATGGCCATGGCCATAAACATTACA  
AATGGGCCAGGCAAGGTGGCTCACACCTGCAGTCCAGCATTGTGGGAGGCCGAGGCGGG  
AGGATTGCTTGAGCCAGGAGTTTGAGACTAGCCTGGCAATAGTGAGACCCCGTCTCTA  
CAAAAAATAAAAAAATTAGCTAGAAAAAAAAAAAAAAAAAAAAA
```

#### 5' Read Nucleotide Sequence:

```
>OriGene 5' read for BC007817 unedited  
CACGAGGGTAGGACGTGATGCAGGAGGCGCACTCGAAGATGTAGACGATGAGCATGAGCA  
CCAGTGTCCCATCCCCAACCCCTGGAGTCTCACCCTGAGGACCATGGACCGGCGGGCGG  
CAGAGTGCAGCACCCACACAAAAGTGGCTACCATGAAGAAGGAGAAGCCGCAGAAGATG  
GCAATCCAGGCACCAGCGAAGACGTCATCCTTGCTGAGACTCCCATCAGTGGGTATAACA  
CGGTACTGGTGGCTGTACCCATATGGTCTCAGCAAACAGGGACAGGCCTGACAGCTGG  
ACAGAGCGGTGGGTTAGGAAGGTCTGCTCGGGGCCAGCAGCCCTGGCACCAGGCATCTCC  
ACGAGCAAGTCCCTCCCATTTGGAGCCTCCACTGCCCTCTCAGTAAAGTGGGCAAGA  
CCTCGCCTTCCATGAGCAGCGATGAGGGTGAGCAGAGGCCAGGAGAGAAGAGACAGCCCA  
GCCAGACAACCGACCCACGCCCCAGCTGCCAGTTTCTTCGGGGATAAAAAGGGGATGCC  
ACGTGGAAGGCTGGAGCAGTGGACTGGCACAGAGGAGATGCTTGGTCCATCTGCCCTCC  
CTTGACAGTGTGTTATTCCTCGAGGAGGGGAACATGGCCATGGCCATAAACATTACANA  
TGGGCCAGGCAAGGTGGCTCACACCTGCAGTCCCA
```



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<b>Restriction Sites:</b>	Please inquire
<b>ACCN:</b>	BC007817
<b>Insert Size:</b>	822 bp
<b>OTI Disclaimer:</b>	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).
<b>RefSeq:</b>	<u><a href="#">BC007817.1</a></u>
<b>RefSeq Size:</b>	822 bp
<b>Locus ID:</b>	11045
<b>Protein Families:</b>	Transmembrane
<b>Gene Summary:</b>	<p>The protein encoded by this gene is a member of the transmembrane 4 superfamily, also known as the tetraspanin family. Most of these members are cell-surface proteins that are characterized by the presence of four hydrophobic domains. The proteins mediate signal transduction events that play a role in the regulation of cell development, activation, growth and motility. This encoded protein is found in the asymmetrical unit membrane (AUM) where it can complex with other transmembrane 4 superfamily proteins. It may play a role in normal bladder epithelial physiology, possibly in regulating membrane permeability of superficial umbrella cells or in stabilizing the apical membrane through AUM/cytoskeletal interactions. The protein may also play a role in tumor suppression. Alternative splicing results in multiple transcript variants of this gene. [provided by RefSeq, Jul 2013]</p>