

Product datasheet for **SC333309**

Uroplakin IIIB (UPK3B) (NM_182683) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Uroplakin IIIB (UPK3B) (NM_182683) Human Untagged Clone
Tag:	Tag Free
Symbol:	Uroplakin IIIB
Synonyms:	P35; UP3B; UPIIIB
Vector:	pCMV6-Entry (PS100001)
Fully Sequenced ORF:	>SC333309 representing NM_182683. Blue=Insert sequence Red=Cloning site Green=Tag(s)

ATGGGGCTACCCTGGGGGAGCCTCACCTAGGGCTGCAGATGCTCCTCTGGCGTTGAAGTGTCTCCGG
 CCCAGCCTGAGCCTGGAGCTGGTGCCCTACACACCACAGATAACAGCTTGGGACCTGGAAGGGAAGGTC
 ACAGCCACCACCTTCTCCCTGGAGCAGCCGCGCTGTGTCTTCGATGGGCTTGCCAGCGCCAGCGATACC
 GTCTGGCTCGTGGTGGCCTTCAGCAATGCCTCCAGGGGCTTCAGAACCAGGAGACTGGCTGACATT
 CCGGCCTCCCCACAGCTGCTGACCGATGGCCACTACATGACGCTGCCCTGTCTCCGACCAGCTGCC
 TGTGGCGACCCCATGGCGGGCAGCGGAGCGCCCCGTGCTGCGGTGGGCCATGACCACGCTGCCAC
 CAGCAGCCCTTCTGCAACGCGCCCTCCCTGGCCCTGGACCCTATCGGGAAGACCCCGGATCCATCGA
 CACCTGGCCAGGGCGGCGAAGTGGCAGCATGATCGTCATTACCTCCATCCTCTCTTCTCTGGCCGGCCT
 CCTACTCTTGGCCTTCTTGGCAGCCTCTACCATGCGCTTCTCCAGCCTGTGGTGGCCGGAGGAGGCCCC
 GGAGCAGCTGCGGATCGGCTCCTTATGGGCAAGCGCTACATGACCCACCACATCCACCCAGCGAGGC
 CGCCACACTGCCGGTGGGCTGCAAGCCTGGCCTGGACCCCTCCCCAGCCTCAGCCCTAGCCTGGCCT
 CTTTGCATGGGGCTGGGGGAGATGGGGCGCCGGGAGTGA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_182683
Insert Size:	798 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).
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).


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Reconstitution Method:	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:	<u>NM_182683.1</u>
RefSeq Size:	1460 bp
RefSeq ORF:	798 bp
Locus ID:	105375355
UniProt ID:	<u>Q9BT76</u>
Cytogenetics:	7q11.23
MW:	28.5 kDa
Gene Summary:	UPK3B is a minor component of the apical plaques of mammalian urothelium that binds and dimerizes with uroplakin-1b (UPK1B; MIM 602380), one of the major conserved urothelium membrane proteins. The other major conserved integral membrane proteins of urothelial plaques are UPK1A (MIM 611557), UPK2 (MIM 611558), and UPK3A (MIM 611559) (Deng et al., 2002 [PubMed 12446744]).[supplied by OMIM, Mar 2008] Transcript Variant: This variant (3) is alternatively spliced at the 5' end compared to variant 1, which results in a shorter isoform (c) lacking a protein segment in the N-terminal region compared to isoform a. This variant is annotated on the ALT_REF_LOCI_1 alternate haplotype of the GRCh38 human reference genome assembly.