

Product datasheet for **RN206889**

Upk1b (NM_001024253) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Upk1b (NM_001024253) Rat Untagged Clone
Tag: Tag Free
Symbol: Upk1b
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >RN206889 representing NM_001024253
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCCAAAGACGATTCCACCGTTCGTTGCTTCCAGGGCCTGTTGATTTTTGGACACGTGATTGTTGGTA
 TGTGTGGGATCGCCCTGACAGCAGAGTGTATCTTCTTTGTATCTGACCAACACAGCCTTTATCCACTTCT
 TGAAGCCACCAACAACGATGATATCTTTGGGGCAGCTTGATAGGCATGTTTGTGGGCATCTGCCTCTTC
 TGCTTGTCTGTTCTAGCCATAGTAGGAATTATGAAGTCCAACAGGAAAATCCTCTTGCGTACTTTCATCA
 TGATGTTTATAGTGTATGGTTTTGAAGTGGCGTCTTGATCACAGCAGCCACACAACGAGACTTTTTAC
 GACCAACCTCTTCTGAAGCAGATGCTGATGAGGTATCAAACAACAGCCCCCAACCAATGACGACAAA
 TGAAGAACAGCTATGTCACCAAGACCTGGGATAGGCTCATGCTGCAGGACCACTGCTGTGGGGTAAACG
 GTCCGTCAGACTGGCAGAAATACACCTCTGCCTCCGAGTGGAGAATAGCGATGCTGACTACCCCTGGCC
 TCGGCAGTGTGTGCATGGACAAGCTTCAAGAGCCCCTCAACCTGGACGCTTGCAAACCTCGGAGTGCCT
 GGTTATTACCACAGTCAGGGCTGTTATGAGCTAATCTCTGGACCAATGGATCGGCACGCCTGGGGAGTTG
 CCTGGTTGGATTTGCTATTCTCTGCTGGACCTTCTGGGTTCTCTGGGCACCATGTTCTACTGGAGCAG
 AATTGAGTACTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001024253
Insert Size: 783 bp



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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).
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:	<u>NM_001024253.1</u> , <u>NP_001019424.1</u>
RefSeq Size:	1801 bp
RefSeq ORF:	783 bp
Locus ID:	303924
UniProt ID:	<u>Q566D0</u>
Cytogenetics:	11q21
Gene Summary:	Component of the asymmetric unit membrane (AUM); a highly specialized biomembrane elaborated by terminally differentiated urothelial cells. May play an important 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 (By similarity).[UniProtKB/Swiss-Prot Function]