

## Product datasheet for **MC212059**

### Upk3b (NM\_175309) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Upk3b (NM_175309) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Upk3b
Synonyms:	AI447729; AI957187; P35; PMS2L14; UpIIIb
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC212059 representing NM_175309 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGC**C

ATGGTGCGAACGCGGTGGCAGCCTCACCTCCGCCGCCCTGCTTCTCCTGGTGCTCGTGTGGCTCCCC  
AAAGCCTGAGTCTAGACCTGATTGCCTACGTGCCGCAGATAACAGCCTGGGACCTGGAAGGGAAGATCAC  
AGCCACTACATTCTCTGGAGCAGCCTCGGTGCGTCTTTGATGAGCATGTCTCAACTAAGGACACCATC  
TGGCTAGTGGTGGCTTTCAGCAATGCCTCCAGGGACTTTCAGAACCCACAGACTGCTGCTAAGATCCCGA  
CCTTCCACAGCTGCTGACTGACGGCCACTATGACATTACCCCTGTCCCTGGATCAGCTGCCATGTGA  
GGACCTGACCGGTGGCAGTGGAGGTGTCCCGTGTTCGGGTGGGCAATGATTTTGGCTGTTACCAGCGA  
CCCTATTGCAACGCCCCCTCCCGAGCCAGGGCCCTTACAGTGTGAAGTTCCTTGAATGGATGCCGCCG  
GCCCACCAAGGCTGAGACGAAGTGGTCCAACCCATTATCTCCACCAAGGAAAGAATCCCAACTCCAT  
TGACACATGGCCTGGCCGACGGAGCGGCTGTATGATCGTCATAACTTCCATCCTCTGCCCCTGGCCGGC  
CTCTTGCTCCTGGCTTTCCTGGCAGCTTCCACTACGCGTTTCTCCAGCCTGTGGTGGCCCCGAGGAAGCTC  
CTGAGCAGCTGCGGATTGGCTCCTTCATGGGAAACGTTACATGACTCACCATATCCCCCCAGCGAAGC  
TGCCACACTGCCGGTGGGCTGCGAGCCTGGCTGGACCCCTTCCAGTCTCAGCCCG**TAG**

AG**GCGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC  
TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-RsrII
ACCN:	NM_175309
Insert Size:	831 bp



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<b>OTI Disclaimer:</b>	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at <a href="mailto:custsupport@origene.com">custsupport@origene.com</a> or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>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. <a href="#">More info</a></p>
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>Note:</b>	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
<b>RefSeq:</b>	<a href="#">NM_175309.4</a> , <a href="#">NP_780518.1</a>
<b>RefSeq Size:</b>	2036 bp
<b>RefSeq ORF:</b>	831 bp
<b>Locus ID:</b>	100647
<b>UniProt ID:</b>	<a href="#">Q80YF6</a>
<b>Cytogenetics:</b>	5 G2
<b>Gene Summary:</b>	Component of the asymmetric unit membrane (AUM); a highly specialized biomembrane elaborated by terminally differentiated urothelial cells. May play an important role in AUM-cytoskeleton interaction in terminally differentiated urothelial cells. It also contributes to the formation of urothelial glycocalyx which may play an important role in preventing bacterial adherence (By similarity).[UniProtKB/Swiss-Prot Function]