

Product datasheet for **MC209621**

Upk3a (NM_023478) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Upk3a (NM_023478) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Upk3a
Synonyms:	1110017C07Rik; UP3a; UPIII; Upk3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC209621 representing NM_023478 Red=Cloning site Blue=ORF

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCTCCTGCTCTGGGCCCTGCTGGCTCTCGGATGCCTGCGGTGTGGCTGGACTGTGAACCTCCAGCCCC
AACTGGCCAGTGTGACCTTTGCCACCAACAACCCTACCCTCACCACCGTGGCCTTGGAGAAGCCTCTGTG
CATGTTTGATAGCTCAGAGCCACTCAGCGGCTCTACGAGGTTTACCTCTATGCTATGGTCGACTCAGCC
ATGTCCAGGAATGTGTGTACAGGACAGCGCTGGCGTCCCACTGAGCACCCTTCCGGCAAACCCAGG
GTGGGAGGTCAGGCCCTATAAAGCTGCGGCCTTTGACCTGACCCCTTGGTGACTTGCCAGCCTGGA
TGCTGTTGGAGATGTGACCCAGGCTCAGAGATCCTGAACGCATACCTAGTCAGGGTGGCAACAACGGG
ACCTGTTTTGGGACCCAACTTCCAGGGCCTCTGCAACCCACCCCTGACAGCGGCCACTGAGTACAGAT
TCAAGTATGTCCTGGTCAACATGTCCACAGGCTTGGTGCAGGACCAGACACTATGGTCAGATCCCATCTG
GACCAACCGGCCCATCCCTACTCGGCCATCGACACGTGGCCCGGCCGGGAGTGGAGGCATGATTGTC
ATCACGTCCATTCTGGGCTCCCTGCCCTTCTCCTGCTCGTGGGTTTCGCTGGAGCCATCATCCTCAGCT
TTGTGGACATGGGAGTTCTGATGGGAAATGACACACGACTCACAGATCACCCAGGAGGCTGTTCCCAA
GACCCTGGGACTTCTGAGCCTTCTACTCATCTGTGAACCGGGCCACCCCTAGACAGAGCAGAGGTG
TTCTCCAGCAAGCTTCAAGACTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_023478
Insert Size:	864 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:	BC125336 , AAI25337
RefSeq Size:	983 bp
RefSeq ORF:	864 bp
Locus ID:	22270
UniProt ID:	Q9JKX8
Cytogenetics:	15 E2
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 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]