

Product datasheet for **MC212209**

Upk1a (NM_026815) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Upk1a (NM_026815) Mouse Untagged Clone
Tag: Tag Free
Symbol: Upk1a
Synonyms: 1110031P12Rik; AU019298; C87192; Tspan21; Upk1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC212209 representing NM_026815
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGCTTCTGCAGCGACAGAGGGAGAGAAGGGTCTCCTGTGGTGGTGGGGCTGCTGGTCGTGGCAACA
TCATTATTTTGTGTGTCAGGCCTGGCCCTGTTTGGGAGACAGTGTGGGTAAACAGCTGACCACTACCGGT
GTACCCACTGATGGCGTCTCAGCAAGGATGATGTCTTCGCTGGCGCCTGGATTGCCATCTTCTGCGGC
TTCTCCTTCTTCGTCGTGGCCAGCTTTGGTGTAGGAGCTGCGCTCTGTCGTCGTCGGTACATGATCCTCA
CGTACCTGCTGCTGATGCTCATCGTCTACATCTTCGAGTGTGCCTCCTGCATCACATCCTACACCCACCG
CGACTATATGGTGTCCAACCCATCCCTGATAACCAAGCAAATGTTGACCTACTACAGTGCAGACACTGAC
CAGGGCCAGGAGCTAACCCGACTCTGGGACCGGATCATGATTGAGCAAGAGTGTGTGGCACATCTGGCC
CCATGGACTGGGTGAATTACACATCAGCCTTCCGGGCAGCCACCCGGAAGTGGTGTCCCGTGGCCCC
ACTGTGCTGTGTCGGACAGGCAACTTCATCCCATCAATGAAGATGGCTGCCGAGTAGGCCACATGGAC
TACCTGTTTACCAAGGGTGTTCGAGCACATCGGCCATGCCATTGATAGCTACACGTGGGGCATATCGT
GGTTTGGCTTTGCCATCTTGATGTGGACCCTCCCTGTGATGTTGATAGCCATGTATTTCTACACCACTCT
CTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_026815
Insert Size: 774 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:	NM_026815.2 , NP_081091.1
RefSeq Size:	1308 bp
RefSeq ORF:	774 bp
Locus ID:	109637
UniProt ID:	Q9D132
Cytogenetics:	7 18.78 cM
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]