

Product datasheet for MC209622

Urod (NM_009478) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Urod (NM_009478) Mouse Untagged Clone
Tag: Tag Free
Symbol: Urod
Synonyms: AI323803; UPD; Uro; Uro-d
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >MC209622 representing NM_009478
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGAGGCGAACGGGTTCCGACTCCAGAATTTCCCGAGCTGAAGAATGACACGTTCTGAGAGCAGCCT
 GGGGAGAGGAAACAGACTATACTCCCGTTTGGTGCATGAGACAGGCAGGCCGCTACTTACCAGAGTTTAG
 GGAACCAGGGCTGCCAGGACTTCTTCAGCACCTGCCGATCTCCCGAGGCTTGCTGGAAGTACTCTA
 CAGCCACTACGAAGGTTTCTCTGGATGCTGCCATAATTTCTCTGACATCCTTGTGTACCCAGGCAT
 TGGGCATGGAGGTGACCATGGTACCTGGCAAAGGACCCAGCTTCCAGAGCCATTAAGAGAAGAGCGGGA
 CTTAGAGCGTCTACGGGATCCAGCAGCAGCGGCTTCAGAGTTAGGCTATGTGTTCCAAGCCATCACCCCT
 ACTCGACAACGGCTGGCCGACGTGTGCCACTAATTGGCTTTGCTGGTGTCCGTGGACCCTAATGACAT
 ACATGGTTGAAGGCGGCAGTTCAAGCACCATGGCTCAGGCCAAACGATGGCTCTACCAAAGGCCACAGGC
 CAGTCACAAGCTGCTTGGCATACTACTGATGTTCTGGTCCCACCTAAATAGGACAAGTGGCTGCTGGT
 GCTCAGGCATTGCAGCTCTTTGAGTCCCACGCAGGACATCTTGGCACCGAGCTCTTCAGCAAAGTTGAC
 TGCCCTACATTCGTGATGTGGCCAAGCGAGTGAAGGCTGGGTTGCAGAAGGCAGGCTGGCACCAGTGCC
 CATGATCATCTTTGCTAAGGATGGACATTTTGCCTGGAAGAGCTGGCCAGGCTGGCTATGAGGTAGTT
 GGACTTGACTGGACAGTGGCTCCAAAGAAAGCCCGGGAACGTGTCGGGAAGGCAGTGACCTGCAGGGGA
 ACCTGGATCCCTGTGCCTTGATGCATCTGAGGAAGAGATCGGTGCGCTGGTGCAGCAAATGCTGGATGA
 CTTTGGGCTCAACGCTACATTGCCAACCTAGGGCATGGGCTTTACCCTGACATGGACCCAGAACGTGTA
 GGAGCCTTTGGATGCTGTACACAAACATTCACGCCTGCTTCGACAGAAT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI



[View online >](#)

ACCN:	NM_009478
Insert Size:	1104 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).
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_009478.4</u> , <u>NP_033504.2</u>
RefSeq Size:	1489 bp
RefSeq ORF:	1104 bp
Locus ID:	22275
UniProt ID:	<u>P70697</u>
Cytogenetics:	4 53.41 cM
Gene Summary:	This gene encodes an enzyme that catalyzes the conversion of uroporphyrinogen-III to coproporphyrinogen-III, an intermediate step in heme biosynthesis. Homozygous knockout mice for this gene exhibit embryonic lethality. [provided by RefSeq, Aug 2015]