

Product datasheet for RN207394

Urod (NM_019209) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Urod (NM_019209) Rat Untagged Clone
Tag: Tag Free
Symbol: Urod
Synonyms: porphyrinogen carboxy-lyase
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN207394 representing NM_019209
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGGCGAACGGCTTGGGACTCCAGAATTTCCCGAGCTGAAGAATGACACGTTCTTGAGAGCAGCCT
 GGGGAGAGGAAACAGACTATACTCCTGTTTGGTGCATGAGACAAGCAGGCCGCTACTTACCAGAGTTTAG
 GAAACCAGGGCTGCCAGGACTTCTTCAGCACCTGTCGATCTCCTGAGGCTTGCTGTAAGTACTGCTG
 CAGCCACTGCGAAGGTTTCTCTGGATGCTGCTATAATTTCTCTGACATCCTTGTGTACCCAGGCAC
 TGGCATGGAGGTGACCATGGTACCTGGCAAAGGACCCAGCTTCCAGAGCCATTAAAGAGAAGAGCGGGA
 CTTAGAGCGTCTACGGGATCCAGCAGCAGTGGCTTCCAGAGTTAGGCTATGTGTTCCAAGCCATCACCCCT
 ACCCGACAACAGCTGGCTGGACGTGTGCCACTGATTGGCTTTGCTGGTGCCTCCGTGGACCCTGATGACGT
 ACATGGTTGAAGGCGGCAGTTCAAGTACCATGGCTCAGGCCAAGCGATGGCTCTATCAGAAGCCACTGGC
 CAGTCACAAGCTGCTTGGCATACTACTGATGCTCTGGTCCCATATCTAATAGGACAAGTAGCTGCTGGT
 GCTCAGGCATTGCAGCTCTTTGAGTCCCACGCAGGACATCTTGGCTCCGAGCTCTTCAGCAAGTTTGCC
 TGCCCTTACATCCGTGATGTGCCAAGCGAGTGAAGGCTGGTTGCAGAAGCGGGCTGGCACCAGTGCC
 CATGATCATCTTTGCCAAGGATGGACATTTTGGCCTGGAAGAGCTGGCCAGGCTGGCTATGAGGTAGTT
 GGACTTGACTGGACAGTGGCTCCAAAGAAAGCCCGGGAACGTGTTGGAAGACAGTGACTCTGCAGGGGA
 ACCTGGATCCCTGTGCCCTGTATGCATCTGAGGAAGAGATTGGTCGACTGGTGCAGCAGATGCTGAATGA
 CTTTGGGCCACAGCGCTACATTGCTAACCTAGGGCATGGGCTTTACCCTGACATGGACCCAGAACACGTA
 GGAGCCTTTGTGGATGCAGTACACAAACTCACGCCTGCTTCGACAGAAT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_019209



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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_019209.1, NP_062082.1</u>
RefSeq Size:	1232 bp
RefSeq ORF:	1104 bp
Locus ID:	29421
Cytogenetics:	5q36
Gene Summary:	enzyme involved in catalyzing the conversion of uroporphyrinogen to coproporphyrinogen [RGD, Feb 2006]