

## Product datasheet for RN211588

### Uox (NM\_053768) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Uox (NM_053768) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Uox
Synonyms:	UOX-2; Uri; Uri2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN211588 representing NM_053768 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGCCATTACCATGACGACTATGAAAGAATGATGAAGTGGAGTTTGTCCGAAGTGGCTATGGGAAGG  
ACATGGTCAAAGTTCTCCATATTCAGAGGGATGAAAATACCACAGCATCAAAGAGGTGGCGACTTCGGT  
GCAGTTGACTCTGAGGTCCAAAAGGATTACCTCCATGGTGATAATTCGACATCATCCCCACAGACACC  
ATCAAGAACACAGTGCATGTCTGGCGAAGTTCAAAGGGATCAAAGCATCGAGACCTTCGCTATGAACA  
TCTGCGAGCACTTCTCTCTTCTTTAGCCATGTCACCCGAGCCCATGTCCACGTGGAAGAGGTCCCTG  
GAAGCGTTTTGAAAAGAATGGAGTCAAACAGTCCATGCCTTCATCCACACCCCGACGGAACTCACTTC  
TGTGACGTGGAGCAGGTGAGGAACGGACCTCCCATCATTCACTCTGGAATCAAAGACCTCAAGGTCTTGA  
AAACAACCCAGTCTGGATTTGAAGGATTCATCAAGGACCGTCACTACTCTCCCGAGGTGAAGGACCG  
ATGCTTTGCCACTCAAGTGTACTGCAAGTGGCGTACCAGAATCGGGACGTGGATTTGAGGCTACCTGG  
GGCGTGTCCGGGACATTGTCCTGAAGAAATTTGCTGGGCCATGACAGAGGTGAATACTACCTTCCG  
TGCAGAAGACCTCTATGACATACAAGTGTGACCCTGAGCCAGCTTCTGAGATAGAAGACATGGAAT  
CAGCCTTCAAACATTCCTACTTTAACATCGACATGTCCAAAATGGGGCTGATCAACAAGGAAGAGTT  
TTGCTGCCTCTGGACAACCCCTACGGCAAATAACCGGACGGTGAGGAGGAAGTGCCTTCCAGGCTGT  
GA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_053768



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<b>Insert Size:</b>	912 bp
<b>OTI Disclaimer:</b>	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).
<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>RefSeq:</b>	<u><a href="#">NM_053768.2</a></u> , <u><a href="#">NP_446220.1</a></u>
<b>RefSeq Size:</b>	1359 bp
<b>RefSeq ORF:</b>	912 bp
<b>Locus ID:</b>	114768
<b>UniProt ID:</b>	<u><a href="#">P09118</a></u>
<b>Cytogenetics:</b>	2q44
<b>Gene Summary:</b>	catalyzes the hydrolysis of uric acid to allantoin in purine degradation [RGD, Feb 2006]