

Product datasheet for MC201318

Uox (NM_009474) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Uox (NM_009474) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Uox
Synonyms:	A1663847
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC019771 sequence for NM_009474
 CTTGAAATCGAACCTGAAGTTAAAGGCTGAGGGAAAAATGGCCATTACCATGACAACCTACGGAAGAAT
 GATGAAGTGGAATTTGTCCGAAGTGGCTATGGGAAAGACATGGTCAAAGTTCTCCATATTCAGAGAGATG
 GAAAAATACCACAGCATCAAAGAGGTGGCAACTTCGGTCCAGTTGACTCTGAGGTCCAAGAAGGATTACCT
 ACACGGTGATAATTCCGACATCATCCCTACAGACACCATCAAGAACACTGTGCACGTCCTGGCGAAGCTC
 AGAGGGATCAGAAACATCGAGACCTTTGCAATGAACATCTGTGAGCACTTCTCTCTTTTAACCATG
 TCACTCGAGCCCACGTCTACGTGGAAGAGGTCCCTGGAACGATTTGAAAAGAATGGGATCAAACACGT
 CCATGCATTCACACACCCCGACGGGAACGCACTTCTGTGAGGTGGAGCAGATGAGAAACGGACCTCCC
 GTCATTCCTGGAATCAAAGACCTCAAGGTCTTGAACAACCCAGTCTGGGTTTGAAGGGTTCTCA
 AGGACCAGTTCCTACCCTCCCTGAGGTGAAGGACCGATGCTTTGCCACTCAAGTGTACTGCAAGTGGCG
 CTACCAGAGACGGGACGTGGACTTCGAGGCTATCTGGGGCGCTGCCGGACATTGCTCTGCAGAAATTT
 GCTGGGCCCTATGACAAAGGTGAATACTCACCTTCCGTGCAGAAGACCCTCTATGATATACAAGTGTGT
 CCCTGAGCCAGCTTCTGAGATAGAAGACATGGAATCAGCCTTCCGAACATTCCTACTTTAACATCGA
 CATGTCCAAAAATGGGACTGATCAACAAGGAAGAGGTTTTGCTGCCTCTCGACAATCCCTACGGCAAATA
 ACAGGGACAGTCAAGAGGAAGCTGCCTTCCAGGCTGTGACGTCATGGCTCCAGCCGGTTCGATGCTGGG
 GAATACTGTATGCTTGCCTGCAAAAATTTCAACTCAGGATATTGATTGCTTTGTTCTGTATGAAGTAATT
 GCTTTGTTGTTATTGTTGTTCTAGTTCAACAGGGAACCTGTAGTGGTATGTATGTGGAGTCCCATGTTA
 GCAGGCCAACCTGCTCCACGGCCATGGGCAGTTTCTTAAAAAATACTGGGCCATGTTAGGAGAATCAC
 AGTATAGTTCTCCTTGTGTTCTGTGTTCTCTGCCTTTGAATCCGCTTTAGAAATCCAATTTGTCATAA
 GGACATAATCGTAAAGTACTGGCTGCCGCCACATTGATTAATCTGAACACAGAAGCAAACACTGTCAATCA
 TCTAGGGATATGTCTGGGTCTAACTGAAAACAGAATAAAACCATGTGAAAAAAGTCAACCATATATGT
 TTTTTAAAAACTCTGGCACTCTGACTAGCACTCATGGAGGAAGGCGGGTGGGCATGAACTCCAATCC
 TAGCTCAGGAGTTATTGGTGTGTTGATTGAGGCTGGAAGAGGAAAGTCAGCTTCATTTAGGGGTGTGACA
 CCTGGTATGTCAATCATACTGAAGGACACCAGTTGCATGCCTAGAAGTGGTCCGATAAACCCAACTGG
 CCTCAGTGGGAAAGAGAAAGACATGAAGTTGGGTGAGTGAGAAAGACTGGGATAAACTGGGATGGGAA
 GTGAATATTATGAACTTATTGTATAAAATTTCAATAATTAATAAAAAACATTATTTAAATGTTTAA
 AAAAAAAAAAAAAAAAAA



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Restriction Sites:	RsrII-NotI
ACCN:	NM_009474
Insert Size:	912 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>BC019771</u> , <u>AAH19771</u>
RefSeq Size:	1768 bp
RefSeq ORF:	912 bp
Locus ID:	22262
UniProt ID:	<u>P25688</u>
Cytogenetics:	3 72.09 cM
Gene Summary:	Catalyzes the oxidation of uric acid to 5-hydroxyisourate, which is further processed to form (S)-allantoin.[UniProtKB/Swiss-Prot Function]