

Product datasheet for **MC220887**

Oxr1 (BC089183) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Oxr1 (BC089183) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Oxr1
Synonyms:	C7, C7B
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >BC089183
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGTCCTTTTCAGAAGCCTAAAGGAACCATTGAATATACTGTTGAATCAAGGGATTCTTTGAATAGCATAG
 CCCTGAAATTTGATACCAACACCCAATGAACTTGTTTCAGTTAAATAAGTTATTCTCTCGAGCAGTCGTGAC
 TGGACAGGTTTTATACGTTCTGATCCTGAATATGTCTCTAGTGTGAGAGTTCCCATCCCTCAGCCCT
 GTAAGCCCTCTGTGCGCAACGTATCCGAGGCTGAATTTGATAAAACCACGACTCCAGATGTAGCCCATC
 CAAAAGAAGCACCCTCGCATCGACTGTGAGCGGTATTCGGCCTGCGAGAGTTGTGTCTTCAACTTCTGA
 AGAAGAAGAAGCCTTTACTGAGAAATTTCTTAAATTAATTGCAATATATCACCATTGGCAAGGGCACA
 GTCAGTGGCGTCTGCTAGTCACACCAATAACATAATGTTTGATCCACACAAGACAGCCCTTGGTTC
 AAGAGAACGGTTGTGAGGAATACGGCATCATGTGTCCGATGGAAGAGGTGATGTCAGCTGCCATGTACAA
 AGAGATTTTGGATAGCAAAATAAAGGAATCACTGCCCATAGAACTAGATCAGTTGTGAGGAGGGGTCC
 TGCCATTCAAAGAAAGCGACAGGAGTCCGCTGCTGAGGACGACAGCCGAGAGCGCGTGACCAGGGTAACG
 ACAGTGCCAGCACTGCTCCCAGGAGCACCGAGGAGTCTCTCTCGGAAGACGCTTTCACAGAGTCAGAACT
 CTCTCCTATCCGCGAGGAGCTGCTCTCCTCGGAGCCGAGACAGGAGAAGTCATCTGATGCCTCGTCAGAA
 TCTGTGCAGACTGTCAGTCAGATGGAAGTCCAGTCCCTTGACAGCCACGTGAGGCTGCTAACGTTCTCTG
 ACCGCACTAGCTTAACCCTGGGGCTCTATCTCATGAACTGGCTTAAGTGGTCTGGAAACAGCCACTAA
 AGGAGGAGATAAAGCTACAGAAAGCCTTCAAGAAGTCTCAGGCCAAAGGAACAAAGCCAGAAATAAA
 GGTCAGGATAACCAGGATTTCTCCACCAGGAAAGTTTACTGCAGCAAGAGGCAGGTGAAGACAGTGTAT
 CTCTGGAGAAACAGTAGAAGTGAAGAAAAACCAGCTGTTCTTAAGGATCAACAAGGGCAGGAGCTAAA
 ACGGGACTCAGAGACAGAAAGTAGAGGAGCTGCGCAAACTCTGAAAACTCACTCTATGCAGCAAGCCAAG
 CAGCAAAGGGACACGATTCAACAGGTGTACAGAGAGAAAGTAAACACAGCAGTGCAGCTGCAGACGCAC
 ATGGAGAAGGCTCCTCGCTGTTAAAGGAAAAGCGAAGGCATCGATTACATAAGTTCCTATGTCTCAGAGT
 CGGAAAACCAATGAGGAAGACCTTTGTATCGCAAGCAAGTGTACGATGCAACAGTATGCACAAAGAGAT
 AAAAAACACGAATATTGGTTTGCAGTGCCACAAGAAAGGACAGACCCTGTATGCCTTCTTCAATCAGT
 GGAGTCCAGAAATCTATGCAGAAGATTCTGGTGAATACACCAGAGAGCCTGGATTCATAGTCAAAAA
 GATGGACGAGTCTGAAGCGAATGAAGCCCCTGCTGGTGAAGCAGCAGCCAGGGAGTGGGAGATTACTACA
 AGGGAAGACATCAACTCAAAGCAGGTTGCTCCAGCAAAAGCAGACCTGGAGCCTGAATCTTCCGACCAA
 ACCTAAGCGACCCAGTGAAGTCTTACTGCCTGATCAGATTGAAAAGCTTACTAAGCACCTTCCACCAAG
 AACCATTTGGCTATCCATGGACGCTTGTGTACGGTACTGGGAAGCATGGTACAAGTTTGAAGACCCCTTAT
 CGAACAATGACAGGTTTAGACACTCCGGTGTGATGGTGAATAAAGACAGTGTGGACAGGTTTTTGGTG
 CATTAGCATCAGAGCCATTTAAAGTAAGTGTGGCTTTTACGGTACTGGGAAACATTTGTTTTACATT
 CTGCCAGAAATTTGAGGCTTTAAGTGGACAGGAGATAATATGTTTTTTTCAAAGGAGACATGGATTCA
 TTAGCATTTGGTGGTGGAGGAGGGGAATTTGCTCTTTGGCTTGTGGAGATCTCTACCATGGAAGAAGCC
 ATTCCTGTAACGTTTGGGAATCATACACTTTCTAAGAAGGAAGATTTCTTTATCCAAGACATTGAAAT
 CTGGGCTTTTGAATAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCTGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
 ACCN: BC089183
 Insert Size: 2256 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:	BC089183 , AAH89183
RefSeq Size:	4259 bp
RefSeq ORF:	2255 bp
Locus ID:	170719
Cytogenetics:	15 B3.1
Gene Summary:	May be involved in protection from oxidative damage.[UniProtKB/Swiss-Prot Function]