

Product datasheet for **MC204186**

Duoxa2 (NM_025777) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Duoxa2 (NM_025777) Mouse Untagged Clone
Tag: Tag Free
Symbol: Duoxa2
Synonyms: 9030623N16Rik; Nip2
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC031111
 AGTCGCAGGGCCAAGAAAGAGTTTCGGGAGATCTCGCCTCTCGCTTCTTAGGAGAGCCTCAGGGCTCGG
 ACTTTTTATCACTCATCCCAGCTCGCTGCCTGCGAACAGTTCTCGAACTTCTTGACAGGATGACTGCGTGG
 GACGGGGTGCTACCCTTTTACCCCCAGCCAGGCATGCCGCCAGCTTACGCGTACCCTGCTCATTGTTA
 TCCTGGTGTCTTGTCTTTGGCTGCTAGCTTCTGTTTCATCTTGCCTGGAATCCGTGGGCACTCGCGCTG
 GTTCTGGTTGGTAAGAGTCCTTCTTAGCCTGTTTCATAGGTGCCGAAATTGTGGCTGTGCACTTCAAGTCC
 GACTGGTTCGTGGGAGAGTGTGGACCAACACATCCTACAAAGCCTTCACTCCATCCCCTGTTCAAGTCC
 ATGTCCGTCTGCACGTGGGGCTGGCGGGCGTTAACATTACACTCCGAGGAACACCGAGGCAGCAGCTGAA
 CGAGACCATTGACTACAATGAGCGTTTCACTTGGCGTCTGAACGAAGACTACACCAAGGAGTATGCCAT
 GCCTTGGAGAAGGACTGCCGGACCCAGTGTATACCTGGCAGAGAAGTTCACACCGAGCAGTCTTGGC
 GGCTGTACCACCAATATCACCTGGCCGGTCACTATGCCGCCGCAACACTGTGGTGGCATTCTGCTTCTG
 GATCATCGCCAATGCGCTGCTCTCCATGCCCGCCCACTTACGGAGGCCTGGCTTTGCTACCACCGGT
 GCCTTACCGCTCTTCCGGTGTCTTCCGCTTCCGCTCGATTTCAGCGTGGCGCTCTGCCACTTCCGCTGG
 GCTCCGCCGCTCTCACGCCTTACTACGGCGCCTCCTTTTGGCTCACGCTGGCCACCGGCATCCTGAGCCT
 CCTCCTCGGAGGGGCGGTGGTGATTCTCCACTATACTCGGCCAGCGCCCTTCGCTCCTTTCTGGATCTA
 AGTGTCAAAGACTGTAGCAACCAGGCTAAAGGAAACTCACCTCTCACCTCAACAACCCGCAACACGAAAC
 AGTTGAAGAGTCCAGACTTAAATATTACACTCTCCTGTGAAAATAACTGACTCCGGATTCTACCCCTC
 TTTGGGACCCATAGACCTGAAGACTGTGTTAAGAGCGCGTGCCAGGAGCATAGCTGAGTCTGGAGAAT
 GCTTGTCCCTGCCGGACGACAAGGGGGCACCCCATGTGCCTTTGCTCTAGAGAATGGATTTCTCAGGAGA
 ACTGTAATAAACTTTTTTGTCTTTTTTCTTCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI
ACCN: NM_025777
Insert Size: 963 bp



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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:	BC031111 , AAH31111
RefSeq Size:	1354 bp
RefSeq ORF:	963 bp
Locus ID:	66811
UniProt ID:	Q9D311
Cytogenetics:	2 E5
Gene Summary:	Required for the maturation and the transport from the endoplasmic reticulum to the plasma membrane of functional DUOX2. May play a role in thyroid hormone synthesis (By similarity). [UniProtKB/Swiss-Prot Function]