

Product datasheet for MC201449

Duoxa1 (NM_145395) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Duoxa1 (NM_145395) Mouse Untagged Clone
Tag: Tag Free
Symbol: Duoxa1
Synonyms: BC019755; Nip; Nip1
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC019755 sequence for NM_145395
 TGAAAGGGGACCGGAGCATGAAAGATCAGACCTGTCGCCAAAGCAAGGTATCCATCTGTCCCCAAAACCT
 GACGTCTACGTCTGGACCGGTTCTGCCCTATCCCCACGACCAGGAGCGTTGTGAGTGAGTGCCCAAAG
 ACGAGCAGCGCCAGGTGCCATGCGCACAGTATCTGAAAGAGAGGAAGTAAACTCAAAGAAGTGAAATT
 CAAAAGACAGAAGCAGAATTCAAGCTCTGGAGCTGCCATCAACACCCCTTCCCCAGCGTACCCCAAC
 CAAAATGGCTGCTCTTGGACACACTGCCCTTACTACTGGCACAAGCCAACCTTTCCAATGGCACT
 ACTCTGGCTGTCATTATCACCATCTTCTGACTGCACTGGTCACCTTCATCATTATCCTGCCTGGCATCC
 GTGGGAAGACGAGGCTGTTCTGGCTGCTCGGGTGGTGACCAGCTTATTCATCGGGGCTGTGATCCTGGC
 TGTGAACCTCAGTTCTGAGTGGTCTGTGGGCCATGTCAACGCCAACACAACGTACAAAGCCTTCAGTCCC
 AAGTGGGTGAGTGGAGCTGGGACTGCAGATCGGGCTCGGCGCGTCAACATCACCTTCACAGGCCACC
 CAGTGCAGCAGTGAATGAAACCATCAACTACAATGAGGCATTGCGATGGCGCCTGGGCAGGAGCTATGC
 AGAGGAGTATGCAAAGGCCCTGGAGAAGGCCTTCCAGACCCAGTGTATACCTGGCTGAGAAGTTCACC
 CCTCGAAGCCCATGTGGCCTGTACAACCAAGTACCGCCTGGCAGGACACTATGCCTCTGCCATGCTGTGGG
 TGGCATTCTCTGCTGGCTGCTGGCCAATGTGATGTTGTGCGATGCCAGTGTGGTTTATGGTGGCCACAT
 GCTGCTGGCCACTGGTCTCTCCAGCTGTTGGCCCTGTTCTTCTTCTCCATGACCACGTCACATATCG
 CCCTGTCCCCTGCGCTTGGGCACTGCTGTGCTGCACTACTCACCATGGGCCGCTTCTGGATCACGTTAG
 CCACAGGACTGCTGTGATTCTGCTTGGCCTGGTATGGCAGTGGCCACAGGATGCAGCCTCACAGACT
 GAAGGCTTTCTTCAACCTGAGTTCAGAGGACCCAGTGTGGAGTGGGGCTCTGAAGAAGGAGGACTCTTG
 AGACATGTTTTAAGGAGGAACACCCCAAAGAGTCCGACTGTTCCCTGTAAGCTCTTCTCCTGGTAGCCA
 TTGAGTTTCCAGACTGCCTCCAGACATTATTGGAGCCCCACAAAACCAGCAGAAGTGTCCAGGAAGTGGG
 TTTGAGTTGATCATGTTGAGTTGTAATATGTATCCAACCTGTTGATGTAACAGAATAATATACACAGCC
 TACTAATGCAAAAAATAATGAACAAAAGTGAAAAAAGTAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI
ACCN: NM_145395



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Insert Size:	1026 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>BC019755</u> , <u>AAH19755</u>
RefSeq Size:	1521 bp
RefSeq ORF:	1026 bp
Locus ID:	213696
Cytogenetics:	2 E5
Gene Summary:	May be required for the maturation and the transport from the endoplasmic reticulum to the plasma membrane of functional DUOX1.[UniProtKB/Swiss-Prot Function]