

Product datasheet for MC202326

Noxa1 (NM_172204) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Noxa1 (NM_172204) Mouse Untagged Clone
Tag: Tag Free
Symbol: Noxa1
Synonyms: NY-CO-31; SDCCAG31
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC047532 sequence for NM_172204
 CCCACGCGTCCGCCACGCGTCCGCGGACGCGTGGGCGGACGCGTGGGGCGGGCGTGAGAGAGGGGCC
 AAGCCTTGGGCCATCTACTCAGTTTCAAGGACCGACTGTCACAACCTCAGTTGTCTTGCTACCAGCTGCT
 TCTCATTGCTGTCTGGTCCCCTTGGCCCTGGCCACGGCTCCAGCTTCTGTGGGGCACCTCCTCCT
 GTCCACGCGCTCCAGCTAGAATCGCTAACTTCCTTCGCCTCAAAGCAGGCGTCCCGCTCCATGAGCTC
 TCTAGGGGATCAGATACGGGACTGGCACCAGGGGTGTGCTGGCCGTGGCACGGAAGACTGGGACTCTGCG
 CTGTGCTTCTTCTCAGATGTCCGAGAGCCGCTGGCTAGGATGTACTTTAACAGGGGCTGTGTGCATCTGA
 TGGCAGGGGATCCCGAGGCTGCGCTGCGGGCATTTGACCAAGCAGTGACTAAGGACACCTGCATGGCTGT
 TGGCTTCTCCAGCGGGAGTGGCCAATTTCCAGCTGCAGAGGTTCCAGGAGGCTGTGTCTGACTCCAG
 TTGGCCCTGGCACAGCTGAGGGACAATGCTGTCTATTGACTACACACAACCTGGGTCTGAACCTCAAATTGC
 AAGCCTGGGAGGTCCTATAACAATGGCATCAGCACAGTGCCAGGCGAGGCTCTGGACCAAGGCTGCCAA
 TACTCTAGTGGAGCAATCTCCAAATGGCCAGAGGGGCTCAAGACATCCTGGACATTGCCATGGACAAA
 GTGCAGAAAACAGGTACCCCTACAGCTACAGCAAGTGCCCAAGGGTGAGGTCTTCCAGCCTCCAGGCGAT
 ACCTAAAACATCTGGAGCCCATGGATTTCTTGGCAAGGCTAAGGTGGTGGCTTCTGTCACTTCTGATGA
 CCACAACGCCAGCCTCAGCAGAGGTCCAGGCGGAGCATGTGGCCACCAGCCATCCTCATCTACGTGT
 AAGAGGGTCTGAGCACTACGGGTGGTACACGAGCCCTGGCCTATATGATAGTTTGGTGGCATCTGGAA
 GGCCTGGTCCAGGCCCTCTGAAGTTTCTCAGGATCTGAGGGAGCAGCTACAAAGGACCCTGAATCCTT
 GGTGACTGTCACTGTGCAGTGCCACTTTACTGTGCCCTGAAGGTCCCAAGAGGAACCTGGCTGTCCAGT
 TTTGAGACTACTAGCTCAAGCCCTCCTCACCAGACGACAGGGCAGCTCAGTTACAAAGCCCCAG
 GAGAGGAGAGATCCTGGATTCCCATCTCCACGGAGGAGTCCCTGCAGAGTATATGGAGGAATGTGCCCGT
 GGGCCCAGGAGGTTGCAGCTCCAGTGCCAGGGGTCTGGGGCCGGCCAGTCTCTACCAAGTAGTAGCT
 CAGTATAACTATCGTGCCCAAAGACCGGAGGATTTGGACTTCCACCAAGGGGACACGGTGGATGTTCTGT
 GTGAAGTGGACGAAGCATGGCTGGAGGGACACCGAGATGGCTGCGTTGGCATTTCCTAAGTGCTTTGT
 GGTCCCAGCTGGCGCCTATGTGGAAGCCATGCTTGTACTGGGACCCAGCCAGGAGACCAGAACTAGCAA
 TAAATACCATGACAAAACAGCTTTAATTAACAAGCAAACAAGCAAACAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI



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ACCN:	NM_172204
Insert Size:	1335 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:	BC047532 , AAH47532
RefSeq Size:	1680 bp
RefSeq ORF:	1335 bp
Locus ID:	241275
UniProt ID:	Q8CJ00
Cytogenetics:	2 A3
Gene Summary:	Functions as an activator of NOX1, a superoxide-producing NADPH oxidase. Functions in the production of reactive oxygen species (ROS) which participate in a variety of biological processes including host defense, hormone biosynthesis, oxygen sensing and signal transduction. May also activate CYBB/gp91phox and NOX3.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.