

Product datasheet for MC211168

Noxred1 (NM_027744) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Noxred1 (NM_027744) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Noxred1
Synonyms:	4933437F05Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC211168 representing NM_027744 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAATGCTAGAAGACCTTGAGTCTCTGAGGTTTGAGTTTGGGATTCCAGAGGAAGAACGTTACTGGC
TGTACTTACAGGGCCGTTATCGGGGATTGATGATCAAGGGCTGTGCCATGCAGCCTTCTCTGCAAAAT
GTTCTCTACTTTGAGCAACTTATTGCAGAACTGCGCACGACAATACATCCCGGACTGTGTCAATTTGAT
AACGCCGCTACTGAGGATGAAGTCTAACCCTGGGCATCATTGGGTGTGGCCACCTTGAAAGCAGCTGA
CTAATGTATTGCTGAAAACCGTCCCTATCCCTGCCGAGAACCTGCAGATCTCCACTAGGAGGCCAGAGTC
CCTGGGTGAGTTACGGAACTAGGGGTCCGGTGCCTCTATGACAACGCTGCTGTGGCGAGCTGGGCCAAA
GTGTTGTTCTCTGCTGTCTGCCTGCCAGCTGCCTAATATCTGCCTAGAAATCAATCCAACTCAACA
AGCACTGCACCGTGTACAGCTTTGTATCCGCCATTCCGCTACCCAGGTTGAAAAGTTTACTGAACACAC
CAATATCCTGAGGCCCCAGTACCAATTTGCTGAGGATTATGACAACATCTGGGGAGAGAATGAGGAGGTC
CCAATTGCTCTCAAGATACAACGATTATCCGGGTACCTGCCCTACAATAATCTTGGGGAGTAATCC
TTAATGTCAAGTGGATAGAGGGGCTGTGCTATGCCCTCATCAATGCCTGTACGTCAAGGAGCGTGTTC
CTCACAGGTGCTGAAGCTTCTAAACAACTGCTTCTCCCTATGCACCTAGAAAGCTGCACGACAGACCCA
GAATCCTGCCCCAGTTTAATTTAACAGATTTTCATGAGCAAAAGCTACGTCAAAACTTGTATCAAAAAA
GGCCTTTCCCTGGTTTGATCTGACTACTGTGCAACTCAAGGAACTCCTTTTAGCCAGCACATCTCAGC
CACTCCTTCTCTCAGGACCACATTAGTCTTTTGTACTGTGAAGTATTTGGCCTACCATAAGCGAAGAA
GAATTGCCTTATATTTCCACAGTTATCCGGCCCTAGTAGAGGAGAA**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_027744
Insert Size:	1101 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:	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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_027744.1, NP_082020.1</u>
RefSeq Size:	1412 bp
RefSeq ORF:	1101 bp
Locus ID:	71275
UniProt ID:	<u>Q9D3S5</u>
Cytogenetics:	12 D2
Gene Summary:	Probable oxidoreductase.[UniProtKB/Swiss-Prot Function]