

Product datasheet for RN201506

Nol3 (NM_053516) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nol3 (NM_053516) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Nol3
Synonyms:	Arc
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN201506 representing NM_053516 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGGTAACATGCAGGAGCGCCCATCGGAGACATTGACCGGGAACGGAAACGGCTGGTAGAAACATTGC
AGGCTGACTCTGGGTTGCTGCTGGACGCGCTGGTGGCCCGGGCGTCCTCACTGGGCTGAGTATGAAGC
CTTGGATGCGCTGCCTGATGCAGAGCGCAGGGTGCGCCGCTACTGCTGTTGGTGCAGAGCAAGGGCGAG
GCAGCCTGCCAGAACTACTGCGCTGTGCCAGCAAACGTGAGCATGCCAGACCCGGCTGGGATTGGC
AGCACGTTGGGCTGGCTACCGGACCGCAGCTATGACCCTCCATGCCAGGCCACTGGACGCCAGAGGC
ACCCAGTTCAGGGACCACATGTCCTGGGCTGCCAGAGCTTCAGAGGAAGAGGAGATCGGAGGTCCTGAG
GACTCTGAGGCAGTACAGCCTCGAACACCAGAGGAGCCAGAACTAGAAGCTGAAGCTACTAAAGGGGATG
AGCCAGACCTGGAACAAGAAATGGAACCAGAACCAGAGCCAGAGGTAGAACCAGGCCAGAGCCGGAGCC
GGAGCCGGAGCCGGAGCCGGAGCCGGAGCCGGAGCCGGAGCCGGAGCCGGAGCCGGAGCCGAGAGCCTGACTCCAA
GAAGGGGATGAGTCTGAAGGTTGTGAGAACACC**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_053516
Insert Size:	666 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:	<u>NM_053516.2</u> , <u>NP_445968.2</u>
RefSeq Size:	1532 bp
RefSeq ORF:	666 bp
Locus ID:	85383
UniProt ID:	<u>Q62881</u>
Cytogenetics:	19q11
Gene Summary:	plays a role in regulation of apoptosis; decreased expression may contribute to hypoxia-induced neuronal cell death [RGD, Feb 2006]