

Product datasheet for SC326468

NONO (NM_001145410) Human Untagged Clone

Product data:

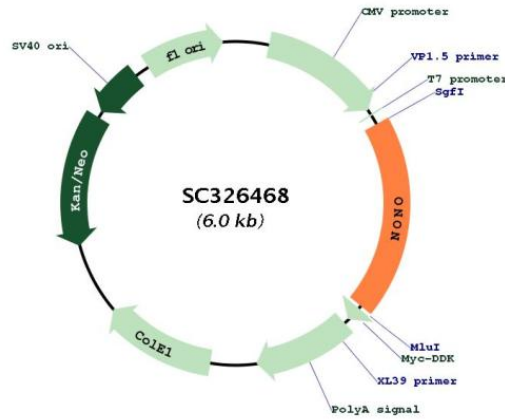
Product Type:	Expression Plasmids
Product Name:	NONO (NM_001145410) Human Untagged Clone
Tag:	Tag Free
Symbol:	NONO
Synonyms:	MRXS34; NMT55; NRB54; P54; P54NRB; PPP1R114
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC326468 representing NM_001145410. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTGTGAACCGTCAGAATTTGTAAACGACTACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGAGGAACTATTTGAGAAATGAAAGGCAGGCGAAGTCTTCATTCATAAGGATAAAGGATTTGGC
TTTATCCGCTTGGAAACCGAACCTAGCGGAGATTGCCAAAGTGGAGCTGGACAATATGCCACTCCGT
GGAAAGCAGCTGCGTGTGCGCTTTCCTGCCATAGTGCATCCCTTACAGTTCGAAACCTCCTCAGTAT
GTGTCCAACGAACTGCTGGAAGAAGCCTTTCTGTGTTTGGCCAGGTAGAGAGGGCTGTAGTCATTGTG
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CTGGACAGATGCAGTGAAGGCTCCTTCCCTGCTAACACATTTCCCTCGTCTGTGACTGTGGAGCCCATG
GACCAGTTAGATGATGAAGAGGGACTTCCAGAGAAGCTGGTTATAAAAAACCAGCAATTTACAAGGAA
CGAGAGCAGCCACCCAGATTTGCACAGCCTGGCTCCTTTGAGTATGAATATGCCATGCGCTGGAAGGCA
CTCATTGAGATGGAGAAGCAGCAGCAGGACCAAGTGGACCACAACATCAAGGAGGCTCGTGAGAAGCTG
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CAAGAAGAATTCGGAGGATGGAAGAGCTGCACAACCAAGAGGTGCAAAAAACGAAAGCAACTGGAGCTC
AGGCAGGAGGAAGAGCGCAGGCGCCGTGAAGAAGAGATGCGGCGGAGCAAGAAGAAATGATCGGCGCA
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GCTCCTCCAGGACTGCCACTATGATGCCGGATGGAACCTTTGGATTGACCCCAACCAACTGAACGC
TTTGGTCAAGGCTGCTACAATGGAAGGAATTGGGGCAATTGGTGGAACTCCTCCTGCATTCAACCGTGA
GCTCCTGGAGCTGAATTTGCCCCAAACAACGTCGCCGATACTAA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites: SgfI-MluI



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Plasmid Map:


ACCN: NM_001145410

Insert Size: 1149 bp

OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in *E. coli* are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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:	NM_001145410.1
RefSeq Size:	2894 bp
RefSeq ORF:	1149 bp
Locus ID:	4841
UniProt ID:	Q15233
Cytogenetics:	Xq13.1
Protein Families:	Druggable Genome, Transcription Factors
MW:	43.9 kDa
Gene Summary:	<p>This gene encodes an RNA-binding protein which plays various roles in the nucleus, including transcriptional regulation and RNA splicing. A rearrangement between this gene and the transcription factor E3 gene has been observed in papillary renal cell carcinoma. Alternatively spliced transcript variants have been described. Pseudogenes exist on Chromosomes 2 and 16. [provided by RefSeq, Feb 2009]</p> <p>Transcript Variant: This variant (4) differs in the 5' UTR, lacks a portion of the 5' coding region, and initiates translation at a downstream start codon, compared to variant 1. The encoded isoform (2) is shorter than isoform 1.</p>