

Product datasheet for **SC324587**

NONO (NM_007363) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	NONO (NM_007363) Human Untagged Clone
Tag:	Tag Free
Symbol:	NONO
Synonyms:	MRXS34; NMT55; NRB54; P54; P54NRB; PPP1R114
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_007363.3
 GGAGAGCCGTGTAGCGTCGCCGTTACTCCGAGGAGATACCAGTCGGTAGAGGAGAAGTC
 GAGGTTAGAGGGAAGTGGGAGGCACTTTGCTGTCTGCAATCGAAGTTGAGGGTGCAAAA
 TGCAGAGTAATAAAACTTTTAACTTGGAGAAGCAAAACCACTCCAAGAAAGCATCATC
 AACATCACCACCAGCAGCAGCACCACCAGCAGCAACAGCAGCAGCCGCCACCACCGCCAA
 TACCTGCAAAATGGGCAACAGGCCAGCAGCAAAATGAAGGCTTGACTATTGACCTGAAGA
 ATTTTAGAAAACCAGGAGAGAAGACCTTACCCAACGAAGCCGCTTTTTGTGGAAATC
 TTCCTCCCGACATCACTGAGGAAGAAATGAGGAACTATTTGAGAAATATGGAAAGGCAG
 GCGAAGTCTTCATTCATAAGGATAAAGGATTTGGCTTTATCCGCTTGAAACCCGAACCC
 TAGCGGAGATTGCCAAAGTGGAGCTGGACAATATGCCACTCCGTGGAAAGCAGCTGCGTG
 TGCGCTTTGCCTGCCATAGTGCATCCCTTACAGTTCGAAACCTTCCCTCAGTATGTGTCCA
 ACGAACTGCTGGAAGAAGCCTTTTCTGTGTTGGCCAGGTAGAGAGGGCTGTAGTCATTG
 TGGATGATCGAGGAAGGCCCTCAGGAAAAGGCATTGTTGAGTTCTCAGGGAAGCCAGCTG
 CTCGAAAAGCTCTGGACAGATGCAGTGAAGGCTCCTTCTGCTAACCCACATTTCTCGTC
 CTGTGACTGTGGAGCCCATGGACCAGTTAGATGATGAAGAGGGACTTCCAGAGAAGCTGG
 TTATAAAAACCAGCAATTTACAAGGAACGAGAGCAGCCACCCAGATTTGCACAGCCTG
 GCTCCTTTGAGTATGAATATGCCATGCGCTGGAAGGCACTCATTGAGATGGAGAAGCAGC
 AGCAGGACCAAGTGGACCGCAACATCAAGGAGGCTCGTGAGAAGCTGGAGATGGAGATGG
 AAGCTGCACGCCATGAGCACCAGGTCA TGCTAATGAGACAGGATTTGATGAGGCGCAAG
 AAGAACTTCGGAGGATGGAAGAGCTGCACAACCAAGAGGTGCAAAAACGAAAGCAACTGG
 AGCTCAGGCAGGAGGAAGAGCGCAGGCCCGCTGAAGAAGAGATGCGGCGGCAGCAAGAAG
 AAATGATCGCGGCACAGCAGGAAGGATTCAAGGGAACCTTCCCTGATGCGAGAGAGCAGG
 AGATTCGGATGGTTCAGATGGCTATGGGAGGTGCTATGGGCATAAACAACAGAGGTGCCA
 TGCCCCCTGCTCCTGTGCCAGCTGGTACCCAGCTCCTCCAGGACCTGCCACTATGATGC
 CGGATGGAACCTTTGGGATTGACCCACCAACAACCTGAACGCTTTGGTTCAGGCTGCTACAA
 TGGAAAGGAATTGGGGCAATTGGTGGAACTCCTCCTGCATTCAACCGTGCAGCTCCTGGAG
 CTGAATTTGCCCAAACAACCGTCGCCGATACTAATAAGTTGCAGTGTCTAGTTTCTCAA
 AACCTTAAAAGAAGGACCCTTTTGGACTAGCCAGAATTCTACCCTGAAAAAGTGTAG
 GGATTCCTTCAAATAGTTAGATCTACCCTGCCTGTACTACTCTAGGGAGTATGCTGGAGG
 CAGAGGGCAAGGGAGGGTGGTATTAACAAGTCAATTCTGTGTGGTATATTGTTAATC
 AGTTCTGTGTGGTGCATTCTGAAGTCTCTAATGTGACTGTTGGGGCCCTGGGAAACCA
 TGGCAAAGTGGATCCAGTTAGAGCCATTAATCTTGATCATTCCGGTTTTTTTTTTTTTT
 TTGTCCATCTTTTCTTTGCTTGCCCCGCCCGGAGACGGAGTCTTACTCTGTGCGCC
 AGGCTGGAGTGTAGTGGCATGATCTCGGCTCACTGCAATCTCTGCCTCCCGGGTTCAAGC
 TTGTCCAGGTTGATCTTGAACCTCCTGACCTCGTGATCTACCCACCTCGGCCTCCCAAAAT
 GCTGGGATTACAGGGGTGAGCCACCGTGCCCAACCTCACTTGCTTCTTATCCTTACACTC
 CCCCAGCCCCAGAAAAGTGCACATACACCACAAAAACCAAAACATCCCCAATGACCTT
 AGCCCCATTGCTCCATTCCTCCAGGTGAGAATTCAGGCAAACGTCCACAAAGGTCACA
 GGCAGCGTACATACGGTCTGTTATACCCCATATATTACCCCTTCATGTCCTAAAGAAGA
 CATTTTCTCTTAGAGATTTTCAATTTTATGATATCTTTAAAAAAAATCTTGTTAACTT
 GCCTCCATCTTTTTCTTGGGTGAGGACCCAGGAATGACCCTTTTGTGTCTATGATGTT
 GCTGTTACAGCTTTTCTTGATAGGCCTAGTACAATCTTGGAAACAGGGTACTGTATAC
 TGAAGGTCTGACAGTAGCTTTAGACTCGCCTATCTTAGGTAGTCATGCTGTGCATTTTT
 TTTTTTCAATGGTGTACTGTGTTTGTATTGTCTCATATATTTGGAGTTTTTCTGAAAAAT
 GGAGCAGTAATGCAGCATCAACCTATTAATAACATTTTAAGCCTTTTAAAAA
 AAAAAA

Restriction Sites: Please inquire

ACCN: NM_007363

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).
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:	<u>NM_007363.3</u> , <u>NP_031389.3</u>
RefSeq Size:	2705 bp
RefSeq ORF:	1416 bp
Locus ID:	4841
UniProt ID:	<u>Q15233</u>
Cytogenetics:	Xq13.1
Domains:	RRM
Protein Families:	Druggable Genome, Transcription Factors
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 (2) differs in the 5' UTR compared to variant 1. Variants 1, 2 and 3 encode the same protein (isoform 1).</p>