

## Product datasheet for **RG206688**

### **NONO (NM\_007363) Human Tagged ORF Clone**

#### **Product data:**

|                           |   |
|---------------------------|---|
| Product Type:             | Expression Plasmids                         |
| Product Name:             | NONO (NM_007363) Human Tagged ORF Clone     |
| Tag:                      | TurboGFP                                    |
| Symbol:                   | NONO  |
| Synonyms:                 | MRXS34; NMT55; NRB54; P54; P54NRB; PPP1R114 |
| Mammalian Cell Selection: | Neomycin                                    |
| Vector:                   | pCMV6-AC-GFP (PS100010)                     |
| E. coli Selection:        | Ampicillin (100 ug/mL)                      |



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**ORF Nucleotide Sequence:**

>RG206688 representing NM\_007363  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCCGCGATCGCC

ATGCAGAGTAATAAACTTTTAACTTGGAGAAGCAAACCATACTCCAAGAAAGCATCATCAACATCACC  
 ACCAGCAGCAGCACCACCAGCAGCAACAGCAGCAGCCGCCACCACGCCAATACCTGCAAATGGGCAACA  
 GGCCAGCAGCAAAATGAAGGCTTGACTATTGACCTGAAGAATTTAGAAAACCAGGAGAGAAGACCTTC  
 ACCCAACGAAGCCGTCCTTTTGTGGAAATCTTCTCCCGACATCACTGAGGAAGAAATGAGGAACTAT  
 TTGAGAAATATGGAAGGCAGGCGAAGTCTTATTATAAGGATAAAGGATTTGGCTTTATCCGCTTGA  
 AACCCGAACCCTAGCGGAGATTGCCAAGTGGAGCTGGACAATATGCCACTCCGTGGAAAGCAGTGCCT  
 GTGCGCTTTGCCTGCCATAGTGCATCCCTACAGTTCGAAACCTCCTCAGTATGTGTCCAACGAACTGC  
 TGAAGAAGCCTTTTCTGTGTTGGCCAGGTAGAGAGGGCTGTAGTCATTGTGGATGATCGAGGAAGGCC  
 CTCAGGAAAAGCATTGTTGAGTCTCAGGGAAGCCAGCTGCTCGAAAGCTCTGGACAGATGCAGTGAA  
 GGCCTCTCTGCTAACCACATTTCTCTGCTGTGACTGTGGAGCCATGGACCAGTTAGATGATGAAG  
 AGGGACTTCCAGAGAAGCTGGTTATAAAAAACCAGCAATTTACAAAGGAACGAGAGCAGCCACCCAGATT  
 TGCACAGCCTGGCTCCTTTGAGTATGAATATGCCATGCGCTGGAAGGCACTCATTGAGATGGAGAAGCAG  
 CAGCAGGACCAAGTGGACCGCAACATCAAGGAGGCTCGTGAAGCTGGAGATGGAGATGGAAGTGCAC  
 GCCATGAGCACCAGGTATGCTAATGAGACAGGATTTGATGAGGCGCAAGAAGAACTTCGGAGGATGGA  
 AGAGCTGCACAACCAAGAGGTGCAAAAACGAAAGCAACTGGAGCTCAGGCAGGAGGAAGAGCGCAGGCGC  
 CGTGAAGAAGAGATGCGGCGCAGCAAGAAGAAATGATGCGGCGCAGCAGGAAGGATTCAGGGAACCT  
 TCCCTGATGCGAGAGAGCAGGAGATTGGATGGGTGAGTGGCTATGGGAGGTGCTATGGGCATAAACAA  
 CAGAGGTGCCATGCCCCCTGCTCCTGTGCCAGTGGTACCCAGCTCCTCCAGGACCTGCCACTATGATG  
 CCGGATGGAACCTTTGGGATTGACCCACCAACAACTGAACGCTTTGGTCAAGGCTGCTACAATGGAAGGAA  
 TTGGGGCAATTGGTGGAACCTCCTCTGCATTCAACCGTGCAGCTCCTGGAGCTGAATTTGCCCAACAA  
 ACGTCGCCGATAC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

**Protein Sequence:**

>RG206688 representing NM\_007363  
 Red=Cloning site Green=Tags(s)

MQSNKTFNLEKQNHTRKHHQHQQHQQHQQQPPPPPIPANGQQASSQNEGLTIDLKNFRKPGKETF  
 TQRSRLFVGNLPPDITEEEMRKLFEKYGKAGEVFIHKDKGFGFIRLETRTLAEIAKVELDNMPLRGKQLR  
 VRFACHSASLTVRNLPQYVSNELLEAFSVFGQVERAVIVDDRGRPSGKIVFSGKPAARKALDRCE  
 GSFLLTTFPRPVTVEPMDQLDDEEGLPEKLVIKNQFHKEREQPPRFAQPGSFYEYAMRWKALIEMEKQ  
 QQDQVDRNIKEAREKLEMEMEAARHEHQVLMRQDLMRRQEELRRMEELHNQEVQKRKQLELRQEEERRR  
 REEEMRRQEEEMRRQEGFKGTFPDAREQEIIRMGQMAMGGAMGINNRGAMPAPVPAGTPAPPGPATMM  
 PDGTLGLTPPTTERFGQAATMEGIGAIGGTPPAFNRAAPGAEFAPNKRURY

TRTRPLE - GFP Tag - V

**Restriction Sites:**

Sgfl-Mlul



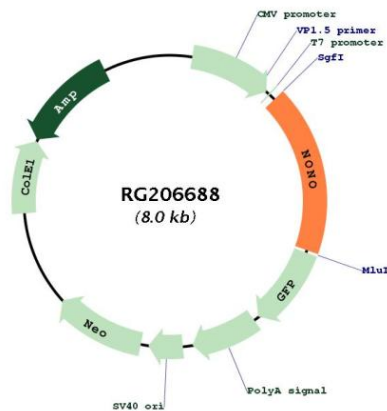
**Cytogenetics:** Xq13.1

**Domains:** RRM

**Protein Families:** Druggable Genome, Transcription Factors

**Gene Summary:** 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]

**Product images:**



Circular map for RG206688