

## Product datasheet for **SC215260**

### NeuN (RBFOX3) (NM\_001082575) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	NeuN (RBFOX3) (NM_001082575) Human 3' UTR Clone
Symbol:	NeuN
Synonyms:	FOX-3; FOX3; HRNBP3; NEUN
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001082575
Insert Size:	1568 bp



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**Insert Sequence:** >SC215260 3'UTR clone of NM\_001082575  
 The sequence shown below is from the reference sequence of NM\_001082575. The complete sequence of this clone may contain minor differences, such as SNPs.  
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GCGGCGACCTACAGCATTGGAACCATGTGAACCTTCCACCGTTTCTTCTCGGACCATGAAGGGCAA
AACAAAAAACAAAAAATCACAAAAACAAAAAACAAAAAAGATGTTAAGATCCAAGCAACAAAA
AAAAACCAACCAACCAAGAGGCATCCAACCAAGTCCAAGTCCGCGTCTGCCCACACGCCCGCACCG
AGGGAGCACGCCGGCAGGGGCGCCGAGGAGCGGCCCCAGGACAGGACGGCCCCACCGCTCTGGCTGG
CAGCACAGTGGGAACACGCCCTCCGTCTCAGGCAGTGGGGGAGTTGGAGGGGAAGGGGCTCCCTTGT
GGGACCGTGGGGGCTCTGTTTTCCATCCAGTCTTCTTTCCAGCCCCAACTCCAAGACAGACAG
TGTGGAGCCCAGCGGCGGAGCAGGCCCGGGCTGAGCAGGCAGGCGTGCTAGCAAGACTTGATCT
TTGTGGCCAGCTGTGCCAGGGGGCGGCGGGGCTGAGGGGTGCGGGCAGCTTTCATCCCAGGGGCTCCA
CTGGGCCCGTCAACCCTCTGTGCGTCCCTGGTCCCACCTCCCTCTGCCCGCAGTCCCGCCCGT
GCCCCAGCCTGGCGAGGAAGCCGTCAAACAGTAGCCCCGGGGCCAGCTCCAACAGAAAGGGCTGACG
TGGCTCCAGGACTCAGGGGCGCTCCATGGGAGGACGAAGGAAGCCAGCCAGCCAGGAGCCACTCCTCA
CACCTCCAAGTGTGGCAAGTGGGCCCTGAGGCCAAGGACTTACTTGCTCTTCTGGCCATCTCTCCCT
TTCTGGAGGAGGCCCGGGGCTGTGTACACCAAGGCTGACCTCGTGTGCTGCTGGGACCCAGCCCTC
CCTGCCCTCCCTGTGAGCCCAGTCCACCGTGGGCGCCAGGGCCAGGGACGGGCCAGCGCCCGGCTG
CATCGCAGGTTGGGAGTCACAGTGGCTGTGGCCTGGACGGGCACAGCCAGAGCAGGGGCCATGGGA
AGGGCAAGGGATGGGAAGCCTGGGCCGGCCCTTCCCTGCTCCAAGGCAGGTGCCAGGTGGCGGGA
GCAGACCAAGGACAGCCAGGCTTACCCGGTGGGAGGAGCAGGACAGCAGGAGGTGGCAGGGAGGAACC
CCTGGCGAGGCAGGAGCACTGAAGTAGGGAAGCAGCAAAAAATACAGGCTCCCAACGTGGCTCCACTG
TCTCATGAAGTGTAAAAATTTAAAAATACACCTCACTTTCTATTAGCATCAGCTATTGAAATGGAAT
TCTCCTTTTCTATTCCCGTTGTACATAGCCCCACGCCCTGCCTCCGGCTTTGTCTCTGTACAGAGCCC
CCTGTCCCCTCTGCTGTTCCGGACCTTTTCTTGCAGCAGCTCAACCCCCGACTCACTCAGATCCCCA
GGACTGCAGCCGAGCCCCGGGCTCCTTTCTTACCATTCTGTATGCTTCCAAGGTGTGACCATTCAAAC
TAACAGTATTATTAAGATTATTAATAAAGATTTCTTTCTTCAAACCAGGA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
```

**Restriction Sites:** Sgfl-Mlul

**OTI Disclaimer:** Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

**Components:** The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

**RefSeq:** [NM\\_001082575.3](#)

**Summary:**

This gene encodes a member of the RNA-binding FOX protein family which is involved in the regulation of alternative splicing of pre-mRNA. The protein has an N-terminal proline-rich region, an RNA recognition motif (RRM) domain, and a C-terminal alanine-rich region. This gene produces the neuronal nuclei (NeuN) antigen that has been widely used as a marker for post-mitotic neurons. This gene has its highest expression in the central nervous system and plays a prominent role in neural tissue development and regulation of adult brain function. Mutations in this gene have been associated with numerous neurological disorders. Alternative splicing of this gene results in multiple transcript variants encoding distinct isoforms. [provided by RefSeq, May 2017]

**Locus ID:**

146713

**MW:**

56.2