

Product datasheet for **SC216075**

NEUROD2 (NM_006160) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	NEUROD2 (NM_006160) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	NEUROD2
Synonyms:	bHLHa1; DEE72; EIEE72; NDRF
ACCN:	NM_006160
Insert Size:	1713 bp



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Insert Sequence: >SC216075 3'UTR clone of NM_006160
 The sequence shown below is from the reference sequence of NM_006160. 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
GAGGAGCTCAATGCGTTTTTTCATAACAGACTTCGCGCGGCTCCCTTCTTTTCTTTTGCCTTTGC
CCGCCCCCTGTCCCGAGCCCCAGAGCGCAGGGACACCCCATCCTACCCGGCGCCGGGCGGGGA
GCGGGCCACCGGTCTGCGCTCTCTGGGGCAGCGCAGTCTGTACCTGTGGGTGGCCTGTCCAGG
GGCCTCGTTCCCCAGGGGACTCGCTTCTCTCCCAAGGGTTCCCTCCTCTCTCCCAAGGA
GTGCTTCTCCAGGACCTCTCTCCGGGGCTCCCTGGAGGCACCCCTCCCCATTCCAATATCTTCGC
TGAGGTTTCTCTCCCTCCTCCCTGCAGGCCAAGGCGTTGGTAAGGGGGCAGCTGAGCAATGGAA
CGGTTTTCCCTCTCATTATTATTTAAAAACAGACACCCAGCTGCCGAGGCAAAAAGGAGCCAGGCG
CTCCCTCTTTCTGAAGAGGGTAGAAGTTAGGGCGCCGAGCCCGGGCTGGAACGCCCTACCCCCAA
CCTCCAGTCTCCGCGTTTTGCGATTTAAATTTGGCGGGAGGGGAAGTGATTGAGAGGAAAGAGAGAG
GCCAAGACAATTTGTAAGTAGAATCCGTTTTTCCCTTTTCTTTTTTAAACAAACAAACATACAAAA
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAGCTAAGAGGGCAGCGAAGCCGAACGCAGAGTCCG
GATCGGAGAGAAAACGCAGTAAGGACTTTTAGAAGCAATAAAAGGCAAAAAACAAAAACAAAAAA
CAAACAAAAAAACCCTACTACCAATAATCAAAGACACAAATATCTATGCAAGGAGGCTCCACTGAG
CCTCGCGGCCCGCCCGCCGGGATGCCCGCCCGGCTGCGGGCCGCCCGCCGAGCGCGGATCT
GTGCACTTTGGTGAAGTGGGGCCCGCGCCGCCCTCCCTCCCAAGTTCTTACAATCAGTGACTC
GGAGATTTGGGGCCCAAGTGCCTGCCCCTCCCGCCCGTCCCGTTGTGCGTCATGCTGTTTTTTA
AAAACCTGTTTCCAAATTTGATGGAATGGCAAAGTGTGGGGGGTTCGGTTTGGGAGGGAGGGTTTGC
ATGAAAGACACACGCACACCACCCGCACGACAAAGCAGGCCCGCGCCGGCTCCGGGGGCGAGAAGG
AGGTGAGCTCGCCGGTCTCCTCCCGCGGCCATTCTGTCCCCTCCTGGGGTGGGGTGGGGATGGA
GACCTGGGGGAGCCCCACCCCTGCCCGGACTGTGCTCGGTGGGTGCCACCTGGCGATTCCGGTGTG
TGGAGAGAGTATTTTTGGTCCAAGGAGTCTCTGGCTTAGCTGGTGGGTGGGCGGGGAGAGGTCTG
AGGGCTCTACTGGAGTTCCCCAAAAAGGGCAAAAGGAGACCCTCTGCCACCGGAGGCAGGGGAT
CAGGCATCCAAATACACGATGCAAAAATGCAATCCACAGGCGACACCCACACACTCACCCACACAC
ACGCAATTTTACCTTCTTGTAGCGAAGATGAAACTCCCGTCCGACACCCGAAGTGCATTGCGTGT
TCTGTTACGTTAATGACGATTAATAAATATTTATGTAATGAGATGCAAAGCCGGA
AGCGGACCGACTTACGCGTAAGCGGCCCGGCATCTAGATTGCAAGAAAATGACCACCAAGCGACGCC
CAACCTGCCATCACGAGATTTTCGATTCCACCGCCG
  
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Restriction Sites: SgfI-RsrII

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_006160.4](#)

Summary: This gene encodes a member of the neuroD family of neurogenic basic helix-loop-helix (bHLH) proteins. Expression of this gene can induce transcription from neuron-specific promoters, such as the GAP-43 promoter, which contain a specific DNA sequence known as an E-box. The product of the human gene can induce neurogenic differentiation in non-neuronal cells in *Xenopus* embryos, and is thought to play a role in the determination and maintenance of neuronal cell fates. [provided by RefSeq, Jul 2008]

Locus ID: 4761

MW: 62.8