

Product datasheet for **SC214012**

NEUROD1 (NM_002500) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: NEUROD1 (NM_002500) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: NEUROD1
Synonyms: BETA2; BHF-1; bHLHa3; MODY6; NEUROD; T2D
ACCN: NM_002500
Insert Size: 1353 bp
Insert Sequence: >SC214012 3'UTR clone of NM_002500
 The sequence shown below is from the reference sequence of NM_002500. 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
GCCAGCTCAATGCCATATTTTCATGATTAGAGGCACGCCAGTTTACCATTTCGGGAAACGAACCCAC
TGTGCTTACAGTGACTGTCGTGTTTACAAAAGGCAGCCCTTTGGTACTACTGCTGCAAAGTGCAAATA
CTCCAAGCTTCAAGTGATATATGATTTTATTGTCATTACTGCCTTTGGAAGAAACAGGGGATCAAAGTT
CCTGTTACCTTATGTATTATTTTCTATAGCTCTTCTATTTAAAAATAAAAAATACAGTAAAGTTTA
AAAAATACACCACGAATTTGGTGTGGCTGTATTAGATCGTATTAATTATCTGATCGGGATAACAAAAT
CACAAGCAATAATTAGGATCTATGCAATTTTAACTAGTAATGGGCCAATTAATAATATATATAAATAT
ATATTTTCAACCAGCATTTTACTACTTGTACCTTTCCCATGCTGAATTATTTGTTGTGATTTTGTA
CAGAATTTTAAATGACTTTTTATAATGTGGATTCCTATTTTAAACCATGCAGCTTCATCAATTTTAA
TACATATCAGAAAAGTAGAATTATCTAATTTATACAAAATAATTTAACTAATTTAAACCAGCAGAAA
AGTGCTTAGAAAAGTTATTGTGTTGCCTTAGCACTTCTTTCTCTCCAATTGTAAAAAAAAAAAAAAAA
AAAAAAAAAAAAAAAAAATGCACAATTTGAGCAATTCATTTCACTTTAAAGTCTTTCCGTCTCCCTAAA
ATAAAAACCGAATCATAATTTTCAAGAGAAGAAAAATTAAGAGATACATTCCTATCAAACATATC
AATTCAACACATTAAGTGCACAAGCTTGTATATACATATTATAAATAAATGCCAACATACCTTCTTTA
AATCAAAAGCTGCTTGACTATCACATACAATTTGCACTGTTACTTTTTAGTCTTTTACTCCTTTGCATT
CCATGATTTTACAGAGAATCTGAAGCTATTGATGTTTCCAGAAAATAAATGCATGATTTTATACATA
GTCACAAAAATGGTGGTTTGTATATTCATGTAATAAATCTGAGCCTAAATCTAATCAGGTTGTTAA
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AATTAGAACAATAGCTATTGCATGTAATAATGCAGTCCAGAATAAGTGCTGTTTGAGATGTGATGCTGGT
ACCACTGGAATCGATCTGTACTGTAATTTTGTGTTGTAATCCTGTATATTATGGTGAATGCACAATTTA
GAAAACATTCATCCAGTTGCAATAAAATAGTATTGAAAAGTGA
ACGCGT AAGCGGCCGCGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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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_002500.5
Summary:	This gene encodes a member of the NeuroD family of basic helix-loop-helix (bHLH) transcription factors. The protein forms heterodimers with other bHLH proteins and activates transcription of genes that contain a specific DNA sequence known as the E-box. It regulates expression of the insulin gene, and mutations in this gene result in type II diabetes mellitus. [provided by RefSeq, Jul 2008]
Locus ID:	4760
MW:	53.4