

## Product datasheet for SC202941

### NRG2 (NM\_004883) Human 3' UTR Clone

#### Product data:

Product Type: 3' UTR Clones  
Product Name: NRG2 (NM\_004883) Human 3' UTR Clone  
Symbol: NRG2  
Synonyms: DON1; HRG2; NTAK  
Mammalian Cell Selection: Neomycin  
Vector: pMirTarget (PS100062)  
ACCN: NM\_004883

Insert Size: 1166 bp

Insert Sequence: >SC202941 3'UTR clone of NM\_004883  
The sequence shown below is from the reference sequence of NM\_004883. 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
CGGGCCAAGCAGGACTCGGCGCCACTCTAGGGCCCCGCGCGGCCCTCCGCCCGCCCGCCCACTA
TCTTTAAGGAGACCAGAGACCGCCTACTGGAGAGAAAGGAGGAAAAAAGAAATAAAAATATTTTTATTT
TCTATAAAAGGAAAAAGTATAACAAAATGTTTTATTTTCATTTTAGCAAAAATTGTCTTATAATACTA
GCTAACGGCAAAGCGTTTTTATAGGAAACTATTTATATGTAACATCCTGATTTACAGCTTCGGAAAA
AAAAAAGAAACAACAAAAAAGAGAGATGGGCCAATTTTTGACTCTTTAATAGAAACCTATTTTG
TGGTGCCTTTTGCTGTATGCTCATCTGGGGCTCCGGGGGACAGGTCTGGGTTGTGGGGTGTGAGAGTG
ACAGCTGGGAGAGAAGAGGTGCGGGTCTGTTGGGGGCGAGGGTGGGGGGCGGTGGGGGGTGGCCCTA
AGGAAGAAGTGGAGACGGAAGTAGCTTTGCTCCCAGGCAAGAGCTGAAGTCCCAGCCCTGGGAGGAG
AGGGCCAGGACCCTAGGCTTGGAGCTGGAGCTGGGTAACCTCCAGGGGAGATAAAGACACAGCTACC
CGAATGGGGAAGCCCTGGCTACTCACAGCTGTTAAAGGAGGGGGGACAGAAACGTTTCCCAAGAGC
CTGAGCCCAGGGAGGTGGCAGCTCTGCCAGGGGCCAATGTTGGCGCTCCTGTCCCCACAGCCTCCA
GGACGCCCTCCGTCCTCTGCAGCACCTTCGTTTACAGGTCGTCTTTTCTATTTTACACCTGCATGTCC
TTTGCAATTCAGATTCTTAGATTGGATGCATGGTCACGCTGGGACCGAGAAGAGCCACTCGACAGTGT
ATTCCCCTTTTAGCAATAAAGTAACACCATTTCTTCTCACAGGCTGCCTCCTAGCCCCAACCCACCT
ATGACATCCACTCGTCTCCAGTCTGCCCTCCCACCCCAAAAAGTGGTCCACTGCTAATTTGTCAA
AAGGTAATTTGTTAAAAAAGAGATCCCAACAGAAACAGATGGGAATCCTGTCTGAAATGTCTG
AACACCTGACTGTTGACACTTGAACATTTTATATTATAAATAAAATCAGAAATAACTCTG
ACGCGTAAGCGGCCGCGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
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<b>Restriction Sites:</b>	Sgfl-Mlul
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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.
<b>RefSeq:</b>	<u><a href="#">NM_004883.3</a></u>
<b>Summary:</b>	This gene encodes a novel member of the neuregulin family of growth and differentiation factors. Through interaction with the ERBB family of receptors, this protein induces the growth and differentiation of epithelial, neuronal, glial, and other types of cells. The gene consists of 12 exons and the genomic structure is similar to that of neuregulin 1, another member of the neuregulin family of ligands. The products of these genes mediate distinct biological processes by acting at different sites in tissues and eliciting different biological responses in cells. This gene is located close to the region for demyelinating Charcot-Marie-Tooth disease locus, but is not responsible for this disease. Alternative transcript variants encoding distinct isoforms have been described. [provided by RefSeq, May 2010]
<b>Locus ID:</b>	9542
<b>MW:</b>	43.3