

Product datasheet for **SC202939**

NRG2 (NM_013981) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: NRG2 (NM_013981) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: NRG2
Synonyms: DON1; HRG2; NTAK
ACCN: NM_013981
Insert Size: 1166 bp
Insert Sequence: >SC202939 3'UTR clone of NM_013981
 The sequence shown below is from the reference sequence of NM_013981. 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
CGGGCCAAGCAGGACTCGGCGCCACTCTAGGGCCCCCGCGCCCTCCGCCCGCCCGCCCACTA
TCTTTAAGGAGACCAGAGACCCGCTACTGGAGAGAAAGGAGGAAAAAGAAATAAAAAATTTTTATTT
TCTATAAAAGGAAAAAGTATAACAAAATGTTTTATTTTCATTTTAGCAAAAATTGTCTTATAACTA
GCTAACGGCAAAGCGTTTTTATAGGAAACTATTTATATGTAACATCCTGATTTACAGCTTCGGAAAA
AAAAAAGAAACAACAAAAAAGAGAGATGGGCAATTTTTGACTCTTTAATAGAAACCTATTTTG
TGGTGCCTTTTGCTGTATGCTCATCTGGGGCTCCGGGGACAGGTCTGGGTTGTGGGGTCTGAGAGTG
ACAGCTGGGAGAGAAGAGGTGCGGGTCTGTTGGGGGCGAGGTGGGGGGCGTGGGGGTTGGCCCTA
AGGAAGAAGTGGAGACGGAAGTAGCTTTGCTCCAGGCAAGAGCTGAAGTTCCCGACCCCTGGGAGGAG
AGGGCCAGGACCCTAGGCTTGGAGCTGGAGCTGGGTAACCTCCAGGGGAGATAAAGACACAGCTACC
CGAATGGGGAAGCCCTGGCTACTCACAGCTGTTAAAGGAGGGGGGCGAGAAAACGTTTCCCAAGAGC
CTGAGCCCAGGGAGGTGGCAGCTCTGCCAGGGGCCAATGTTGGCGGCTCCTGTCCCCACAGCCTCCA
GGACGCCCTCCGTCTCTGCAGCACCTTCGTTTACAGGTCGTCTTTTCTATTTTACACCTGCATGTCC
TTTGCAATTCAGATTCTTTAGATTGGATGCATGGTCACGCTGGGACCGAGAAGAGCCACTCGACAGTGT
ATTCCCCTTTTAGCAATAAAGTAACACCATTTCTTCTCACAGGCTGCCTCCTAGCCCCAACCCACCT
ATGACATCCACTCGTCTCCAGTCTGCCCTCCACCCCCAAAAAAGTGGGTCCACTGCTAATTTGTCAAA
AAGGTAATTTGTTAAAAAAGAAAAAATCCCAACAGAAACAGATGGGAATCCTGTCTGAAATGTCTG
AACACCTGACTGTTGACACTTGAACATTTTATATTATAAATAAAATCAGAAATAACTCCTG
ACGCGTAAGCGGCCGCGCATCTAGATTGCAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTTCGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites: SgfI-MluI



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| 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: | <u>NM_013981.4</u> |
| Summary: | 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] |
| Locus ID: | 9542 |
| MW: | 43.3 |