

## Product datasheet for **SC208364**

### NRG1 (NM\_001159995) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	NRG1 (NM_001159995) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	NRG1
Synonyms:	ARIA; GGF; GGF2; HGL; HRG; HRG1; HRGA; MST131; MSTP131; NDF; NRG1-IT2; SMDF
ACCN:	NM_001159995
Insert Size:	2000 bp



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**Insert Sequence:** >SC208364 3'UTR clone of NM\_001159995  
 The sequence shown below is from the reference sequence of NM\_001159995. 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
ATTGCTAACCAAGACCCTATTGCTGTATAAACCTAAATAAACACATAGATTACCTGTAAAACTTTAT
TTTATATAATAAAGTATTCCACCTTAAATTAACAATTTATTTTATTTTAGCAGTTCTGCAAATAGAAA
ACAGGAAAAAACTTTTATAAATTAATATATGTATGTAATAATGTGTTATGTGCCATATGTAGCAATT
TTTTACAGTATTTCAAACGAGAAAGATATCAATGGTGCCTTTATGTTATGTTATGTGAGAGCAAGTT
TTGTACAGTTACAGTGATTGCTTTCCACAGTATTTCTGCAAAACCTCTCATAGATTGTTTGTCTG
GCTTCTGTGCATTGCATTATGATGTTGACTGGATGTATGATTTGCAAGACTTGCACCTGCTCCTGT
TTGCTTGTAGTAGCACCCGATCAGTATGCTTGTAAATGGCACATCCATCCAGATATGCCTCTCTGTGT
ATGAAGTTTTCTTTGCTTTCAGAAATATGAAATGAGTTGTGTCTACTCTGCCAGCCAAAGGTTTGCCTCA
TTGGGCTCTGAGATAATAGTAGATCCAACAGCATGCTACTATTAATACAGCAAGAACTGCATTAAAGT
AATGTTAAATATTAGGAAGAAAGTAATACTGTGATTTAAAAAACTATATTATTAATCAGAAGACAGC
TTGCTCTTACTAAAAGGAGCTCTCATTTACTTTATTTGATTTTATTTTCTTGACAAAAAGCAACAGTT
TTAGGGATAGCTTAGAAAATGGGTTCTGGCTTGCTATCAGGGTAAATCTAACACCTTACAAGAGGACTG
AGTGTCACTTTCTCTCTGGGGGAATGATCCAGCAGCTTATCTAGTTGACAATCAAACACGGCTGATAA
AGGTGCAATCATTCTGCATGTATTTTCACTGATTTGAAGCTAGTGATTGGTTGTGTCTTCTGGC
TCAAAAAGAAGCATATTACGGCACAAAAAGCCAGCCAGACAGCACATGCAGCATTGTTCTGAAATA
CTTCTAGAGTCAAACGTGCCTGCTGTACATAGCGATGACTTGTGCATCATAGGGAAGTATTTCCATCGTA
GAGTGTTTCAAGAAGGAGTGACTGTATAGGTGGAGAGAAGCTTAGTGACTCCGTTGAAATTTAAAAATGTG
GATGACCACCCCTTTCTCCCTTATTTTCTTTTATCTTTCCATGTTGCCTTGATCAGGTCATAACTA
TGCATGAACATTTTTATCAGGAATGGCCGATGTGTATGTGATTTGTAATCACAAGTAATGATTCATCA
GGAAATGTCAATCCTGTTGGAAAGATTGCACCTTACTTGCAAGAAGTACCCCCACCTGTGCTCCTGACC
TCTCCATTTACAGGCTCTCTCACCCATTTCCCCACCTCCTTAAATTTTGTCTTACTGTCATAAAGTA
GGACTAAGATTGGTCTAAGCATTGCATGTTCTTTGTGATGGTAAATCAAAGGAAGGCCTATAAGTAT
TAACATTTGAAATAACTGCTAATTCAGGAAAATGGAAGAAAAAAATTTTGAACACAGAAGCCATT
TCATGGCCTGCCTGATATCTGTGAAATCAGGGCTGGAGCTTACTTAGGATTCACATGGCCTCCTAGGA
ACCATGGGACAAATGGGAAACAGTTATCGGGGATTCATGAAGTCAGTGAGAGTAATTGCTTCTTTTT
TGCGGGTGAAGTGAATGTATTTCTTACCAAATCTTGATGTTAACAATAAAAAGAAAGAAATGACATGC
AAGTAGGCTTAGCAGAAAAATGCAGGCTGGGCATGAGTCATGTTGTACCCTCCACATGCTCCTACA
ATCCACAGAGATGCCTGTCTGCAGGTTCTTGAAGTTATTGTTAGTATTTGGTATCTCAAATTTTTCGTC
ACTGTTACATGCCACTTCTCTGTGCACAGTGGTATCCTCATTGCTTTTTAACCTACACTGAGGAG
ACGCGT AAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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**Restriction Sites:** SgfI-MluI

**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\\_001159995.3](#)

**Summary:** The protein encoded by this gene is a membrane glycoprotein that mediates cell-cell signaling and plays a critical role in the growth and development of multiple organ systems. An extraordinary variety of different isoforms are produced from this gene through alternative promoter usage and splicing. These isoforms are expressed in a tissue-specific manner and differ significantly in their structure, and are classified as types I, II, III, IV, V and VI. Dysregulation of this gene has been linked to diseases such as cancer, schizophrenia, and bipolar disorder (BPD). [provided by RefSeq, Apr 2016]

**Locus ID:** 3084

**MW:** 75.7