

Product datasheet for **SC213873**

NRG1 (NM_001159996) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	NRG1 (NM_001159996) 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_001159996
Insert Size:	2000 bp



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Insert Sequence: >SC213873 3'UTR clone of NM_001159996
 The sequence shown below is from the reference sequence of NM_001159996. 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
TCCATTCCCATTGGGCTTCATTCTCTAAGACCCCTTGGCCTTTAGGAAGGTATGTGTCAGCCATGAC
CACCCCGCTCGTATGTACCTGTAGATTTCCACACGCCAAGCTCCCCAAATCGCCCCCTTCGAAAT
GTCTCCACCCGTGCCAGCATGACGGTGTCCATGCCTTCCATGGCGGTGACGCCCTTCATGGAAGAAGA
GAGACCTCTACTTCTCGTGACACCACCAAGGCTGCGGGAGAAGAAGTTTGACCATCACCTCAGCAGTT
CAGCTCCTTCCACCACAACCCCGCGCATGACAGTAACAGCCTCCCTGCTAGCCCCTTGAGGATAGTGGA
GGATGAGGAGTATGAAACGACCCAAGAGTACGAGCCAGCCAAGAGCCTGTTAAGAACTCGCCAATAG
CCGGCGGGCCAAAAGAACCAAGCCCAATGGCCACATTGCTAACAGATTGGAAGTGGACAGCAACACAAG
CTCCCAGAGCAGTAACTCAGAGAGTGAACAGAAGATGAAAGAGTAGGTGAAGATACGCCTTTCCTGGG
CATA CAGAACCCCTGGCAGCCAGTCTTGAGGCAACACCTGCCTTCCGCCTGGCTGACAGCAGGACTAA
CCCAGCAGGCCGCTTCTCGACACAGGAAGAAATCCAGGCCAGGCTGTCTAGTGAATTGCTAACCAAGA
CCCTATTGCTGTATAAAACCTAAATAAACACATAGATTCACTGTAAAACCTTTATTTTATAATAAAG
TATTCCACCTTAAATTAACAATTTATTTTATTTTAGCAGTTCTGCAAAATAGAAAACAGGAAAAAACT
TTTATAAATTAATATATGTATGTAATAAATGTGTTATGTGCCATATGTAGCAATTTTTTACAGTATTTT
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TGATTGCTTTTCCACAGTATTTCTGCAAAACCTCTCATAGATTCAGTTTTTGTGCTTCTTGTGCATT
GCATTATGATGTTGACTGGATGTATGATTTGCAAGACTTGCAACTGTCCTCTGTTTGTGATGATAGC
ACCCGATCAGTATGTCTTGTAAATGGCACATCCATCCAGATATGCCTCTCTTGTGTATGAAGTTTTCTTT
GCTTTCAGAATATGAAATGAGTTGTGTCTACTCTGCCAGCCAAAGTTTTGCCTCATTGGGCTCTGAGAT
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GGAAGAAAGTAATACTGTGATTTAAAAAAACTATATTATTAATCAGAAGACAGCTTGCTCTTACTAAA
AGGAGCTCTCATTACTTTATTTGATTTTATTTTCTTGACAAAAAGCAACAGTTTTAGGGATAGCTTA
GAAAATGGGTTCTGGCTTGTATCAGGGTAAATCTAACACCTTACAAGAGGACTGAGTGTCACTTTCTC
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CTGACATGTATTTTCACTGATTTTGAAGCTAGTGATTGGTTGTGCTTCTTGGCTCAAAAAGAAGCAT
ATTACGGCACA AAAAGCCAGCCAGACAGCACATGCAGCATTTTGTCTGAAATACTTCTAGAGTCAAA
CGTGCCTGCTGTACATAGCGATGACTTGTGCATCATAGGGAAGTATTTCCATCGTAGAGTGTTCAGAAGG
AGTGACTGTATAGGTGGAGAGAAGCTTAGTGACTCCGTTGAAATTTTAAATGTGGATGACCACCCCTT
TCTCCCCCTTATTTTCTTTTATCTTTCCATGTTGCCCTTGATCAGGTCATAACTATGCATGAACATTTT
TTATCAGGAATGGCCGATGTGTATGTGATTTGTAATCACAAAGTAATGATTCATCAGGAAATGTCAATC
ACGCGT AAGCGGCCGCGGCATCTAGATTGCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
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_001159996.3](#)

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