

Product datasheet for SC207254

OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

NRG1 (NM_001160002) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones

Product Name: NRG1 (NM_001160002) 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 001160002

Insert Size: 571 bp

Insert Sequence: >SC207254 3'UTR clone of NM_001160002

The sequence shown below is from the reference sequence of NM_001160002. The complete

sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG

TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC

TATATTGCTAGTAAAAAA

CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG

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.





NRG1 (NM_001160002) Human 3' UTR Clone - SC207254

RefSeq: <u>NM 001160002.2</u>

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: 21.9