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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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NRG1 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # : H00003084-T01

規格 : [100 uL]

List All

Specification

Transfected Cell Line: 293T

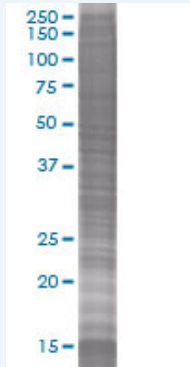
Plasmid: pCMV-NRG1 full-length

Host: Human

Theoretical MW (kDa): 32.67

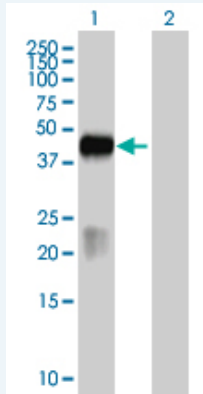
Quality Control Testing: Transient overexpression cell lysate was tested with Anti-NRG1 antibody ([H00003084-B01](#)) by Western Blots.

SDS-PAGE Gel



NRG1 transfected lysate

Western Blot



Lane 1: NRG1 transfected lysate (32.67 KDa).

Lane 2: Non-transfected lysate.

Storage Buffer: 1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

MSDS:  [Download](#)

Applications

Application Image

Western Blot

Western Blot

Gene Information

Entrez GeneID: [3084](#)

GeneBank [BC007675](#)
Accession#:

Protein [AAH07675](#)
Accession#:

Gene Name: NRG1

Gene Alias: ARIA,GGF,GGF2,HGL,HRG,HRG1,HRGA,NDF,SMDF

Gene Description: neuregulin 1

Omim ID: [142445](#), [603013](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: The protein encoded by this gene was originally identified as a 44-kD glycoprotein that interacts with the NEU/ERBB2 receptor tyrosine kinase to increase its phosphorylation on tyrosine residues. This protein is a signaling protein that mediates cell-cell interactions and plays critical roles in the growth and development of multiple organ systems. It is known that an extraordinary variety of different isoforms are produced from this gene through alternative promoter usage and splicing. These isoforms are tissue-specifically expressed and differ significantly in their structure, and thereby these isoforms are classified into types I, II, III, IV, V and VI. The gene dysregulation has been linked to diseases such as cancer, schizophrenia and bipolar disorder (BPD). [provided by RefSeq]

Other Designations: glial growth factor, heregulin, alpha (45kD, ERBB2 p185-activator), neu differentiation factor, neuregulin 1 isoform HRG-gamma, sensory and motor neuron derived factor

Gene Pathway

[ErbB signaling pathway](#)

Related Disease

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