



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 



**GeneBank Accession#:** [NM\\_013958.1](#)

**Protein Accession#:** [NP\\_039252.1](#)

**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

[Alzheimer Disease](#) [Alzheimer disease](#) [Amphetamine-Related Disorders](#) [Anoxia](#) [Asthma](#) [Asthma](#) [Atherosclerosis](#) [Atrophy](#) [Attention](#) [Autistic Disorder](#) [Bipolar Disorder](#) [Cardiovascular Diseases](#) [Carotid Artery Diseases](#) [Chronic Disease](#) [Cognition](#) [Cognition Disorders](#) [Depressive Disorder, Major](#) [Diabetes Mellitus, Type 2](#) [Dominance, Cerebral](#)

... see more