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Lieferung & Zahlungsart

siehe unsere Liefer- und Versandbedingungen

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

NRG1 (Human) Recombinant Protein (P01)

Catalog Number: H00003084-P01

Regulation Status: For research use only (RUO)

Product Description: Human NRG1 full-length ORF (NP_039252.1, 1 a.a. - 241 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:
MSERKEGRGKGKGKKKERGSGKKPESAAGSQSPALP
PQLKEMKSQESAAGSKLVLRCETSSEYSSLRFKWFKN
GNELNRKNKPQNIKIQKKPGKSELRINKASLADSGEYM
CKVISKLGNDSASANITIVESNEIITGMPASTEGAYVSS
ESPIRISVSTEGANTSSSTSTSTTGTSHLVKCAEKEKTF
CVNGGECFMVKDLSNPSRYLCKCPNEFTGDRCQNYV
MASFYSTSTPFLSLPE

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 52.5

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at http://www.abnova.com/support/protocols.asp or product page for detailed protocols

Preparation Method: *in vitro* wheat germ expression system

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

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

Entrez GeneID: 3084

Gene Symbol: NRG1

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

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]