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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

NRGN (Human) Recombinant Protein

Catalog Number: P8964

Regulation Status: For research use only (RUO)

Product Description: Human NRGN (Q92686, 1 a.a. - 78 a.a.) partial-leng

Sequence:

MGSSHHHHHSSGLVPRGSHMGSMDCCTENACSKP
DDDILDIPLDDPGANAAAAKIQASFRGHMARKKIKSGE
RGRKGP GPGGPGGAGVARGGAGGGPSGD.

Host: Escherichia coli

Theoretical MW (kDa): 10

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

Form: Liquid

Preparation Method: *Escherichia coli* expression
system

Purity: > 90% by SDS PAGE

Storage Buffer: 20mM Tris-HCl buffer (pH7.0), 30%
glycerol 0.1mM PMSF and 1mM EDTA.

Storage Instruction: Store, frozen at -20°C for longer
periods of time.

For long term storage it is recommended to add a carrier
protein (0.1% HSA or BSA).

Avoid multiple freeze-thaw cycles.

Entrez GeneID: 4900

Gene Symbol: NRGN

Gene Alias: RC3, hng

Gene Summary: Neurogranin (NRGN) is the human
homolog of the neuron-specific rat RC3/neurogranin
gene. This gene encodes a postsynaptic protein kinase
substrate that binds calmodulin in the absence of
calcium. The NRGN gene contains four exons and three

introns. The exons 1 and 2 encode the protein and
exons 3 and 4 contain untranslated sequences. It is
suggested that the NRGN is a direct target for thyroid
hormone in human brain, and that control of expression
of this gene could underlay many of the consequences
of hypothyroidism on mental states during development
as well as in adult subjects. [provided by RefSeq]