

Proteoliposomes

Full-Length

NRG2 (Human) Recombinant Protein

Catalog # H00009542-G01

Size 2 ug

Specification

Product Description

Human NRG2 full-length ORF (AAI66615.1) recombinant protein without tag.
This product is belong to Proteoliposome (PL).

Sequence

MRQVCCSALPPPPLEKGRCSSYSDSSSSSSSERSSSSSSSSSESGSSSRSSSNSSISRPAAPP
EPRPQQQPQPRSPAARRAAARSRAAAAGGMRRDPAPGFSMLLFGVSLACYSPSLKSVQDQAY
KAPVVVEGKVQGLVPAGGSSSNSTREPPASGRVALVKVLDKWPLRSGGLQREQVISVGS CVPL
ERNQRYIFFLEPTEQPLVFKTAFAPLDTNGKNLKEVGKILCTDCATRPKLKKMKSQTGQVGEKQ
SLKCEAAAGNPQPSYRWFKD GKELNRSRDIRIKYGNRKN SRLQFNKVVEDAGEYVCEAENILG
KDTV RGLYVNSVSTLSSWSGHARKCNETAKSYCVNGGVCYIEGINQLSCKCPVGYTGDR CQ
QFAMVNF SKHLGFELKEAEELYQKRVL TITGICVALLVVGMCVVAYCKTKKQRKQMHNL RQNM
CPAHQNRSLANGPSHPRLDPEEIQMADYISKNPATDHVIRRETETTFSGSHSCSPSHHCSTATP
TSSHRHESHTWSLERSESLTSDSQSGIMLSSVGT SKCNSPACVEARARRAAAYNLEERRRATAP
PYHDSVDSL RDSPHSERYVSALTTPARLSPVDFHYSLATQVPTFEITSPNSAHAVSLPPAAPISYR
LAEQQPLL RHPAPP GPGPGPGPGPGADMQRSYDSYYPAAGPGPRRGTCALGGS LGSLPAS
PFRIPEDDEYETTQECAPPPPPRPRARGASRRTSAGPRRWRRSRLNGLAAQRARAARD SLSLSS
GSGGGSASASDDDADDADGALAAESTPFLGLRGAHDALRSDSPPLCPAADSRTYYS LDSHSTR
ASSRHSRGPPPRAKQDSAPL

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

93.8

Interspecies Antigen Sequence

Rat (90)

Form

Liquid

Preparation Method

[in vitro wheat germ expression system with proprietary liposome technology](#)

Purification

None

Recommend Usage

Heating may cause protein aggregation. Please do not heat this product before electrophoresis.

Storage Buffer

25 mM Tris-HCl of pH8.0 containing 2% glycerol.

Storage Instruction

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

Note

Best use within three months from the date of receipt of this protein.

Applications

- Antibody Production

Gene Info — NRG2

Entrez GeneID	9542
GeneBank Accession#	BC166615.1
Protein Accession#	AA166615.1
Gene Name	NRG2
Gene Alias	Don-1, HRG2, NTAK
Gene Description	neuregulin 2
Omim ID	603818
Gene Ontology	Hyperlink
Gene Summary	Neuregulin 2 (NRG2) is a novel member of the neuregulin family of growth and differentiation factors. Through interaction with the ErbB family of receptors, NRG2 induces the growth and differentiation of epithelial, neuronal, glial, and other types of cells. The gene consists of 12 exons and the genomic structure is similar to that of neuregulin 1 (NRG1), another member of the neuregulin family of ligands. NRG1 and NRG2 mediate distinct biological processes by acting at different sites in tissues and eliciting different biological responses in cells. The gene is located close to the region for demyelinating Charcot-Marie-Tooth disease locus, but is not responsible for this disease. Alternative transcripts encoding distinct isoforms have been described. [provided by RefSeq]
Other Designations	OTTHUMP00000159546 divergent of neuregulin-1 neural- and thymus-derived activator for ErbB kinases

Pathway

- [ErbB signaling pathway](#)

Disease

- [Genetic Predisposition to Disease](#)

- [Glaucoma](#)
- [Mental Disorders](#)
- [Schizophrenia](#)