

# Recombinant Human NRG2 Protein (112-405 aa), His-tagged

Cat. No. NRG2-1741H Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Human NRG2 Protein (112-405 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal. Research Area: Neuroscience. Protein Description: Partial.
<b>Species</b>	Human
<b>Source</b>	Yeast
<b>ProteinLength</b>	112-405 aa
<b>Description</b>	Direct ligand for ERBB3 and ERBB4 tyrosine kinase receptors. Concomitantly recruits ERBB1 and ERBB2 coreceptors, resulting in ligand-stimulated tyrosine phosphorylation and activation of the ERBB receptors. May also promote the heterodimerization with the EGF receptor.
<b>Form</b>	Tris-based buffer, 50% glycerol
<b>Molecular Mass</b>	34.8 kDa
<b>AA Sequence</b>	CYSPSLKSVQDQAYKAPVVVEGKVQGLVPAGGSSSNSTREPPASGRVALVKVLDK WPLRSGGLQREQVISVGSCVPLERNQRYIFFLEPTEQPLVFKTAFAPLDTNGKNLKK EVGKILCTDCATRPKLKKMKSQTGQVGEKQSLKCEAAAGNPQPSYRWFKDGKELN RSRDIRIKYGNGRKNRSLQFNKVKVEDAGEYVCEAENILGKDTVRGRLYVNSVSTTL SSWSGHARKCNETAKSYCVNGGVCYYIEGINQLSCKCPNGFFGQRCLEKLPLRLYM PDPKQKAEELYQKR

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<b>Purity</b>	> 90% as determined by SDS-PAGE.
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
<b>Concentration</b>	A hardcopy of COA with reconstitution instruction is sent along with the products.

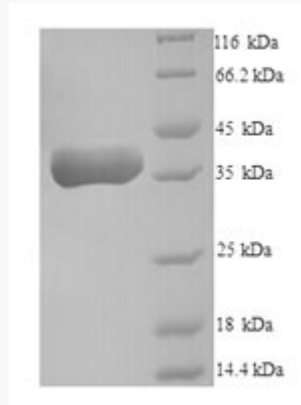
## GENE INFORMATION

<b>Gene Name</b>	NRG2 neuregulin 2 [ Homo sapiens ]
<b>Official Symbol</b>	NRG2
<b>Synonyms</b>	NRG2; neuregulin 2; Don 1; HRG2; NTAK; pro-NRG2; divergent of neuregulin-1; DON1;
<b>Gene ID</b>	9542
<b>mRNA Refseq</b>	NM_001184935
<b>Protein Refseq</b>	NP_001171864
<b>MIM</b>	603818
<b>UniProt ID</b>	O14511

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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