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# 32-8367: Recombinant Human Pro-Neuregulin-1/NRG1- beta1/HRG1- beta1 (Thr176-Lys246)(Discontinued)

**Gene :** NRG1
**Gene ID :** 3084
**Uniprot ID :** Q02297

## Description

Source: E. coli.
MW :8.2kD.
Recombinant Human Neuregulin-1 beta is produced by our E.coli expression system and the target gene encoding Thr176-Lys246 is expressed. neuregulin-1 (heregulin-1,NRG1) is a member of neuregulin family, which is comprised of four genes that encode a large number of secreted or membrane-bound isoforms. All family members share an EGF-like domain that interacts with the ErbB family of tyrosine kinase receptors. NRG1 isoforms can be classified into type I, type II and type III isoforms. NRG1 directs 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. NRG proteins show distinct spatial and temporal expression patterns and play important roles during development of both the nervous system and the heart.

## Product Info

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|---|---|
| **Amount :** | 10 µg / 50 µg |
| **Content :** | Lyophilized from a 0.2 µm filtered solution of 20mM PB,150mM NaCl,pH7.4. |
| **Storage condition :** | Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months. |
| **Amino Acid :** | TSHLVKCAEKEKTFCVNGGECFMVKDLSNPSRYLCKCPNEFTGDRCQNYVMASFYKHLGIEFMEAEELYQK |

## Application Note

**Endotoxin :** Less than 0.1 ng/Ã□Âµg (1 IEU/Ã□Âµg) as determined by LAL test.

***For Research Use Only. Not for use in diagnostic/therapeutics procedures.***