

# Recombinant Human NRG1/Neuregulin-1 Protein, C-His (Active)

## Summary

---

|                              |                                                                                                                                                                                                                                                                                              |
|------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalog No.</b>           | AHF92901                                                                                                                                                                                                                                                                                     |
| <b>Alternative Names</b>     | Glial growth factor, Neu differentiation factor, SMDF, Breast cancer cell differentiation factor p45, Pro-neuregulin-1, membrane-bound isoform, Acetylcholine receptor-inducing activity, ARIA, GGF, HRGA, Pro-NRG1, HGL, HRG, NDF, NRG1, Sensory and motor neuron-derived factor, Heregulin |
| <b>Form</b>                  | Lyophilized                                                                                                                                                                                                                                                                                  |
| <b>Storage buffer</b>        | Lyophilized from a solution in PBS pH 7.4, 5% Trehalose, 5% Mannitol.                                                                                                                                                                                                                        |
| <b>Purity</b>                | >90% as determined by SDS-PAGE.                                                                                                                                                                                                                                                              |
| <b>Applications</b>          | Bioactivity, ELISA, Immunogen, SDS-PAGE, WB                                                                                                                                                                                                                                                  |
| <b>Biological activity</b>   | Measured in a serum-free cell proliferation assay using human breast cancer cells (MCF-7). The ED50 for this effect is 20- 100 ng/mL.                                                                                                                                                        |
| <b>Endotoxin level</b>       | <0.1 EU/μg of the protein by the LAL method.                                                                                                                                                                                                                                                 |
| <b>Expression system</b>     | Mammalian Cells                                                                                                                                                                                                                                                                              |
| <b>Accession</b>             | Q02297                                                                                                                                                                                                                                                                                       |
| <b>Protein length</b>        | Ser20-Lys241                                                                                                                                                                                                                                                                                 |
| <b>Nature</b>                | Recombinant                                                                                                                                                                                                                                                                                  |
| <b>Stability and Storage</b> | Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8°C for one week. Store at -20 to -80°C for twelve months from the date of receipt.                                                                                                                        |

## Recombinant Proteins &amp; Antibodies

**Reconstitution**

Reconstitute in sterile water for a stock solution. A copy of datasheet will be provided with the products, please refer to it for details.

**Species**

Homo sapiens (Human)

**Shipping**

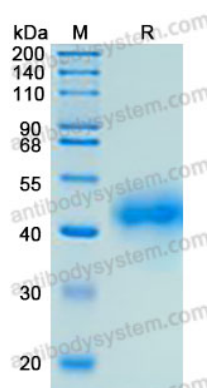
In general, proteins are provided as lyophilized powder/frozen liquid. They are shipped out with dry ice/blue ice unless customers require otherwise.

**Note**

For research use only.

## Data Image

---



SDS-PAGE

SDS-PAGE for Recombinant Human NRG1 protein