

# Recombinant Human NRG1/Neuregulin-1 Protein, No tag (Active)

## Summary

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<b>Catalog No.</b>	AHF92902
<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>	<1 EU/μg of the protein by the LAL method.
<b>Expression system</b>	E. coli
<b>Accession</b>	Q02297
<b>Protein length</b>	Ser177-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 & 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)

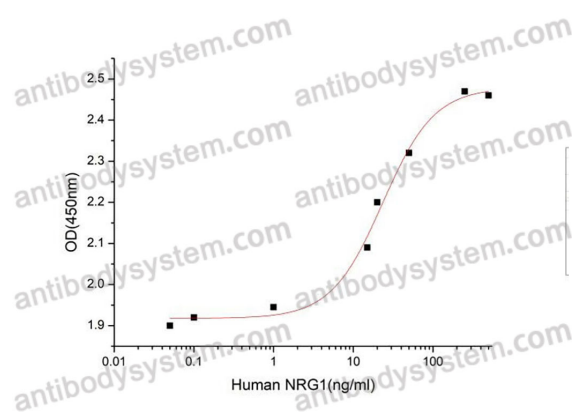
### Shipping

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



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.

### Bioactivity



### SDS-PAGE

SDS-PAGE for Recombinant Human NRG1 protein