

# Human NRG1/GGF/HGL/HRGA/NDF/SMDF (His tag) recombinant protein



Catalog Number: 519900

## General Information

### Gene Name Synonym

Pro-neuregulin-1, Neuregulin-1 beta 1, NRG1-beta 1, HRG1-beta 1 ECD, EGF, NRG1, GGF, HGL, HRGA, NDF, SMDF,

### Protein Construction

A DNA sequence encoding the Human NRG1/GGF/HGL/HRGA/NDF/SMDF Met1-Lys246 is expressed with a 6His tag at the N-terminus.

### Organism

Human

### Expression Host

E. coli

## QC Testing

### Purity

>95% as determined by SDS-PAGE.

### Endotoxin

<1.0 EU per µg protein as determined by the LAL method.

### Stability

Store for up to 12 months at -20°C to -80°C as lyophilized powder. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

## Formulation

Lyophilized from a 0.2 µm filtered solution of 4mM HCl.

## Usage Guide

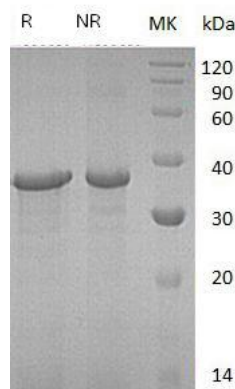
### Storage

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.

### Reconstitution

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100µg/ml. Dissolve the lyophilized protein in ddH<sub>2</sub>O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

## SDS-PAGE



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