

## General Information

### Gene Name Synonym

Neuregulin-4

### Protein Construction

A DNA sequence encoding the human NRG4 (Q8WWG1) extracellular domain (Pro 2-Phe 62) was expressed and purified, with additional two amino acids (Gly & Pro) at the N-terminus.

### Organism

Human

### Expression Host

E. coli

## QC Testing

### Purity

> 92 % as determined by SDS-PAGE

### Endotoxin

Please contact us for more information.

### Stability

Samples are stable for up to twelve months from date of receipt at -70°C

### Predicted N terminal

Gly

### Molecular Mass

The recombinant human NRG4 consists of 63

amino acids and has a calculated molecular mass of 6.7 KDa as estimated in SDS-PAGE under reducing conditions.

### Formulation

Lyophilized from sterile 50mM Tris, 50mM NaCl, pH 7.2

1. 5 % trehalose and mannitol are added as protectants before lyophilization.
2. Please contact us for any concerns or special requirements.

## Usage Guide

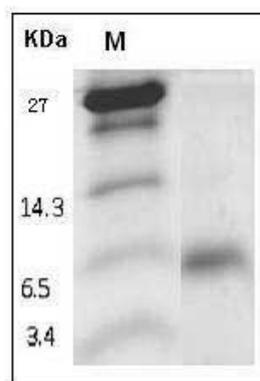
### Storage

Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

### Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

### SDS-PAGE



Human NRG4 Protein SDS-PAGE