

# Human Neuroligin 1/NLGN1 (His Tag) recombinant protein



Catalog Number: 501955

## General Information

### Protein Construction

A DNA sequence encoding the human NLGN1 (NP\_055747.1) extracellular domain (Met 1-Ser 677) was expressed, fused with a polyhistidine tag at the C-terminus.

### Organism

Human

### Expression Host

Human Cells

## QC Testing

### Purity

> 97 % as determined by SDS-PAGE

### Endotoxin

< 1.0 EU per  $\mu$ g of the protein as determined by the LAL method

### Stability

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

### Predicted N terminal

Gln 46

### Molecular Mass

The recombinant human NLGN1 consists of 643 amino acids and predicts a molecular mass of 72 kDa. In SDS-PAGE under reducing conditions, the

apparent molecular mass of rhNLGN1 is approximately 85-95 kDa due to glycosylation.

### Formulation

Lyophilized from sterile PBS, pH 7.4

1. 5 % trehalose and mannitol are added as protectants before lyophilization.

2. Please contact us for any concerns or special requirements.

## Usage Guide

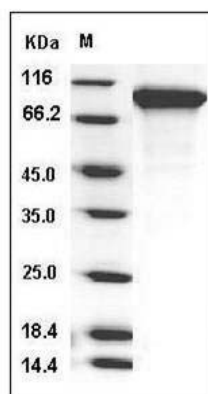
### Storage

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 Neuroligin 1 / NLGN1 Protein (His Tag)  
SDS-PAGE