

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 μg 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

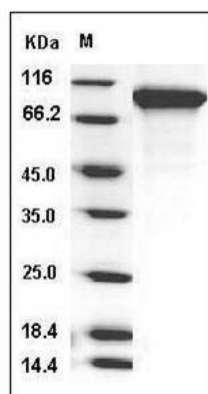
Store it under sterile conditions at -20°C to -80°C .

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



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