

## Recombinant Human NLGN1 Protein, His-tagged

Cat. No. NLGN1-326H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant human NLGN1 (NP_055747.1) extracellular domain (Met 1-Ser 677) was expressed, fused with a polyhistidine tag at the C-terminus.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	1-677 a.a.
<b>Predicted N Terminal</b>	Gln 46
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4, 5%~8% trehalose and mannitol.
<b>Molecular Mass</b>	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.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method.
<b>Purity</b>	>97 % as determined by SDS-PAGE.
<b>Stability</b>	Samples are stable for up to twelve months from date of receipt at -70°C.
<b>Storage</b>	Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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**Reconstitution** It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

**Gene Name** NLGN1 neuroligin 1 [ Homo sapiens ]

**Official Symbol** NLGN1

**Synonyms** NLGN1; neuroligin 1; neuroligin-1; KIAA1070; NL1; MGC45115;

**Gene ID** 22871

**mRNA Refseq** NM\_014932

**Protein Refseq** NP\_055747

**MIM** 600568

**UniProt ID** Q8N2Q7

**Chromosome Location** 3q26.32

**Pathway** Cell adhesion molecules (CAMs), organism-specific biosystem; Cell adhesion molecules (CAMs), conserved biosystem;

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