

## Recombinant Human NLGN4X Protein, His tagged

**Cat. No.** NLGN4X-01H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human NLGN4X Protein (44-675 aa) with His tag was expressed in HEK293.                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>ProteinLength</b>    | 44-675 aa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Description</b>      | This gene encodes a member of the type-B carboxylesterase/lipase protein family. The encoded protein belongs to a family of neuronal cell surface proteins. Members of this family may act as splice site-specific ligands for beta-neurexins and may be involved in the formation and remodeling of central nervous system synapses. The encoded protein interacts with discs large homolog 4 (DLG4). Mutations in this gene have been associated with autism and Asperger syndrome. Alternative splicing results in multiple transcript variants. |
| <b>Molecular Mass</b>   | 73 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>AASequence</b>       | QYPVVNTNYGKIRGLRTPNEILGPVEQYLGVPYASPPTGERRFQPPEPPSSWTGI<br>RNTTQFAAVCPQHLDERSLLHDMPLIWFTANLDTLMTYVQDQNECLYLNIVPTED<br>DIHDQNSKKPVMVYIHGGSYMEGTGNMIDGSILASYGNVIVITINYRLGILGFLSTGDQ<br>AAKGNYGLLDQIQALRWIENVGAFGGDPKRVITFGSGAGASCVSLLTLSHYSEGLF<br>QKAIQSGTALSSWAVNYQPAKYTRILADKVGCMMLDITDMVECLRNKNYKELIQQT<br>TPATYHIAFGPVIDGDVIPDDPQILMEQGEFLNYDIMLGVNQGEGLKFVDGIVDNEDG                                                                                                                                                                             |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

VTPNDFDFSVSNFVDNLYGYPEGKDTLRETIKFMYPDWADKENPETRRKTLVALFTD  
 HQWVAPAVATADLHAQYGSPTYFYAFYHHCQSEMKPSWADSAHGDEVYVFGIPM  
 IGPTELFSCNFSKNDVMLS AVVM TYWTNFAKTGDPNQVPVQDTKFIHTKPNRFEEV  
 AWSKYNPKDQLYLHIGLKPRVRDHYRATKVAFWLELVPHLHNLNEIFQYVSTTTKV  
 PPDMTSFPYGTRRSPAKIWPTTKRPAITPANNPKHSDPHKTGPEDTTVLIETKRDY  
 STELGGGSGGGSHHHHHHHHHH

**Purity** > 90% by SDS-PAGE

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

**Concentration** 1 mg/mL by BCA

**Storage Buffer** Sterile PBS, pH 7.4

## GENE INFORMATION

**Gene Name** [NLGN4X](#) [neurexin 4, X-linked \[ Homo sapiens \(human\) \]](#)

**Official Symbol** [NLGN4X](#)

**Synonyms** NLGN4X; neurexin 4, X-linked; neurexin 4 , NLGN4; neurexin-4, X-linked; HLN4;  
 KIAA1260; NLGN; neurexin X; HNLX; HNL4X; NLGN4; ASPGX2; AUTSX2;  
 MGC22376

**Gene ID** [57502](#)

**mRNA Refseq** [NM\\_020742](#)

**Protein Refseq** [NP\\_065793](#)

 Tel: 1-631-559-9269 1-516-512-3133

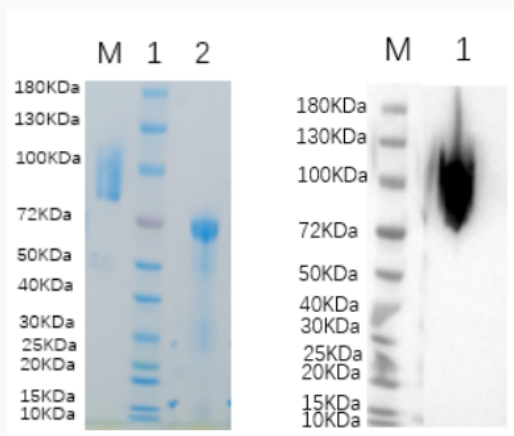
 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

MIM 300427

UniProt ID Q8N0W4

# SDS-PAGE and WB



Reducing 4%-20% SDS-PAGE (CBB stained) and WB (Anti-His Mouse Monoclonal antibody) analysis profiles of purified NLGN4X. 1. NLGN4X: 1  $\mu$ g 2. BSA: 1  $\mu$ g

Tel: 1-631-559-9269 1-516-512-3133

Email: [info@creative-biomart.com](mailto:info@creative-biomart.com) Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA