

## Recombinant Human NLGN4X Protein, His-tagged

Cat. No. NLGN4X-394H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant human NLGN4X protein with His tag was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	816
<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>Form</b>	Lyophilized
<b>Molecular Mass</b>	72.2 kDa
<b>AA Sequence</b>	MSRPQGLLWLP LLFTPVCV MLNSNVLLWLTALAIKFTLIDSQAQYPV VNTNYGKIRGL RTPLPNEILGPVEQYLGVPYAS PPTGERRFQPPEPPSSWTGIRNTTQFAAVCPQHL DERSLLDMLPIWFTANLDTLMTYVQDQNE DCLYLN IYVPTEDDIHDQNSKPKVMVY IHGGSYMEGTGNMIDGSILASYGNVIVITINYRLGILGFLSTGDQAAKGN YGLLDQIQ A LRWIEENVGAFGGDPKRVTIFGSGAGASC VSLT LSHYSEGLFQKAIQSGTALSSW

 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

AVNYQPAKYTRILADKVGCNMLDTTDMVECLRNKNYKELIQQTITPATYHIAFGPVID  
 GDVIPDDPQILMEQGEFLNYDIMLGVNQGEGLKFVDGIVDNEDGVTPNDFDFSVSNF  
 VDNLYGYPEGKDTLRETIKFMYPDWADKENPETRRKTLVALFTDHQWVAPAVATAD  
 LHAQYGSPTYFYAFYHHCQSEMKPSWADSAHGDEVYVFGIPMIGPTLFCSCNFSK  
 NDVMLSAVVMTYWTNFAKTGDPNQPVQDTKFIHTKPNRFEEVAWSKYNPDKQLY  
 LHIGLKPRVRDHYRATKVAFWLELVPHLHNLNEIFQYVSTTKVPPDMTSFPYGR  
 RSPAKIWPTTKRPAITPANNPKHSDPHKTGPEDTTVLIETKRDYSTELESVTIavgasl  
 LFLNILAFAALYYKKDKRRHETHRRPSPQRNTTNDIAHIQNEEIMSLQMKQLEHDHEC  
 ESLQAHDTLRLTCPPDYTLRLRRSPDDIPLMTPNTITMIPNTLTGMQPLHTFNTFSGG  
 QNSTNLPHGHSTTRV

**Purity** > 98%

**Applications** WB; ELISA; FACS; FC

**Stability** This bioreagent is stable at 4 centigrade (short-term) and -70 centigrade(long-term). After reconstitution, sample may be stored at 4 centigrade for 2-7 days and below -18 centigrade for future use.

**Storage** At -20 centigrade.

**Concentration** 1 mg/mL

**Storage Buffer** PBS (pH 7.4-7.5). Sterile-filtered colorless solution.

**Reconstitution** Reconstitute in sterile distilled H<sub>2</sub>O to no less than 100 µg/mL; dilute reconstituted stock further in other aqueous solutions if needed. Please review COA for lot-specific instructions. Final measurements should be determined by the end-user for optimal performance.

 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

**GENE INFORMATION**

<b>Gene Name</b>	NLGN4X neuroligin 4, X-linked [ Homo sapiens (human) ]
<b>Official Symbol</b>	NLGN4X
<b>Synonyms</b>	NLGN4X; neuroligin 4, X-linked; neuroligin 4 , NLGN4; neuroligin-4, X-linked; HLNX; KIAA1260; NLGN; neuroligin X; HNLX; HNL4X; NLGN4; ASPGX2; AUTSX2; MGC22376;
<b>Gene ID</b>	57502
<b>mRNA Refseq</b>	NM_020742
<b>Protein Refseq</b>	NP_065793
<b>MIM</b>	300427
<b>UniProt ID</b>	Q8NOW4

 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